

# POLYMER AND PLASTICS ADDITIVES

ADDITIVES	FUNCTIONS	POLYMERS
AGAVE FIBRES	NATURAL FIBERS FOR WOOD LIKE EFFECT, ALSO USEFUL TO REPLACE GLASS FIBERS	PP
ANTI-BLOCK AGENT AND THERMAL FILLERS	BEST OPTICAL PROPERTIES FOR LOWEST HAZE VALUES IN INDUSTRY, LEAST IMPACT ON MECHANICAL PROPERTIES AND LOWEST ADVERSE INTERACTIONS WITH OTHER ADDITIVES, OPTIMUM GROWTH OF PLANTS BY PROTECTING AGAINST FROST	POLYOLEFINS - MLLDPE, LLDPE, LDPE, PP, EVA COPOLYMERS AND BLENDS
ANTIOXIDANTS	PRIMARY - PHENOLIC AND SECONDARY - PHOSPHITE AOX	POLYOLEFINS - MLLDPE, LLDPE, HDPE, HMHDPE, LDPE, PP, ABS, PC-ABS, POLYAMIDE, HIPS, PS, POLYESTER, PVC, POM, TPU
ANTI-SPLIT AGENTS	MAH GRAFTED POLYMERS FOR IMPARTING ANTI-SPLIT PROPERTY IN BOX STRAPS MADE FOR RECYCLED PET	PET
ANT / TERMITE REPELLENT ADDITIVE		POLYOLEFINS - MLLDPE, LLDPE, HDPE, HMHDPE, LDPE, PP // PVC // TPO, TPE, TPU
ANTI - DRAG / ANTI - SCRATCH / PRINT PLUS ADDITIVE	REDUCE EXTRUDER TORQUE, MAKES SURFACE SCRATCH PROOF AND DOES NOT HAMPER PRINTING	POLYOLEFINS - MLLDPE, LLDPE, HDPE, HMHDPE, LDPE, PP // PVC // HIPS, ABS, SAN
ANTI- FOG ADDITIVE	IMPROVES VISIBILITY OF FOOD ITEMS WHEN PACKS ARE STORED UNDER REFRIGERATION BY PREVENTING MOISTURE CONDENSATION	POLYOLEFINS - MLLDPE, LLDPE, HDPE, HMHDPE, LDPE, PP // PET // PVC
ANTICORROSIVE ADDITIVE	VCI WHICH PREVENTS CORROSION OF FERROUS AND NON FERROUS METALS WHEN PACKED IN FILMS CONTAINING THIS ADDITIVE	POLYOLEFINS - MLLDPE, LLDPE, HDPE, HMHDPE, LDPE, PP // PET
ANTI-MICROBIAL / ANTIFUNGAL (O) ADDITIVE	PREVENTS GROWTH OF BACTERIA AND FUNGUS ON ANY POLYMER SURFACE- BASED ON ORGANIC BIOCIDES	POLYOLEFINS - MLLDPE, LLDPE, HDPE, HMHDPE, LDPE, PP // HIPS, ABS, SAN // PC, PBT, PET // TPO, TPE, TPU//PVC
ANTI-MICROBIAL / ANTIFUNGAL ADDITIVE (S)	PREVENTS GROWTH OF BACTERIA AND FUNGUS ON ANY POLYMER SURFACE- BASED ON SILVER	POLYOLEFINS - MLLDPE, LLDPE, HDPE, HMHDPE, LDPE, PP // HIPS, ABS, SAN // PC, PBT, PET // TPO, TPE, TPU//PVC
ANTI-MICROBIAL / ANTIFUNGAL ADDITIVE (SL)	PREVENTS GROWTH OF BACTERIA AND FUNGUS ON ANY POLYMER SURFACE- BASED ON SILVER BUT OPTIMIZED COST	POLYOLEFINS - MLLDPE, LLDPE, HDPE, HMHDPE, LDPE, PP // HIPS, ABS, SAN // PC, PBT, PET // TPO, TPE, TPU//PVC
ANTI-STATIC ADDITIVE	PERMANENT ANTISTATIC ADDITIVE WHICH DOES NOT ALLOW CHARGE BUILDUP	POLYOLEFINS - MLLDPE, LLDPE, HDPE, HMHDPE, LDPE, PP // PVC // PET
ATO REPLACEMENT ADDITIVES	PARTIALLY OR FULLY REPLACE ATO TO REDUCE COST	PVC, PP, HIPS, EPS, ABS, PA, PBT
COMPATIBILIZERS	MAH, AA, GMA GRAFTED POLYMER RESINS FOR VARIOUS POLYMER BLENDS, RECYCLED PLASTICS ETC.	PC/ABS, PC/PBT, PC/PET, PA/PP, PA/PE, PA/ABS AND VARIOUS REPROCESSED MATERIALS
COUPLING AGENTS	MAH GRAFTED POLYMERS FOR IMPROVEMENT IN PROCESSING AND MECHANICAL PROPERTIES OF FILLED COMPOUNDS	HFFR CABLE COMPOUNDS // PP GLASS FILLED/ INARL FILLED COMPOUNDS// WOOD PLASTIC COMPOSITES
DICUMENE FR SYNERGIST	ELIMINATE ATO AND 15 % FR FOR V2, FOR V0 - REDUCE ATO BY 50 % AND FR BY 15 %	POLYOLEFINS - MLLDPE, LLDPE, HDPE, HMHDPE, LDPE, PP // HIPS
FLAME RETARDANTS	EFFECTIVE HALOGENATED AND NON HALOGENATED FRs FOR VARIOUS POLYMERS	POLYAMIDE // POLYOLEFINS - MLLDPE, LLDPE, HDPE, HMHDPE, LDPE, PP // HIPS / ABS/ SAN/ PET / PBT / PC /

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FRESHNESS PLUS (AR) ADDITIVE	IMPROVE SHELF LIFE OF FRUITS AND VEGETABLES BY 50 - 100 % WHEN PACKED IN FILMS HAVING THIS ADDITIVE	POLYOLEFINS - MLLDPE, LLDPE, HDPE, HMHDPE, LDPE, PP // PVC // PET //
HDT ENHANCER	IMPROVES HEAT DEFLECTION TEMPERATURE FOR HIGH TEMPERATURE APPLICATIONS	PVC, ABS, PMMA
IMPACT MODIFIERS	MAH, AA, GMA GRAFTED POLYMER RESINS FOR VARIOUS IMPROVING IMPACT STRENGTH IN VARIOUS APPLICATIONS	PA, PBT, PC, PP, PPO, PC-ABS
INSECT REPELLENT ADDITIVE	USEFUL IN PREVENTING DAMAGE TO FRUITS AND FLOWERS IN PRE AND POST HARVEST CONDITIONS	POLYOLEFINS - MLLDPE, LLDPE, LDPE, PP, EVA COPOLYMERS AND BLENDS
LIFE GUARD ADDITIVE	SIMILAR FUNCTION LIKE FRESHNESS PLUS BUT ECONOMICAL	POLYOLEFINS - MLLDPE, LLDPE, HDPE, HMHDPE, LDPE, PP // PVC // PET //
MACROFIL HT - SURFACE TREATED HALLOSYTE NANOCLAYS	INCORPORATION OF VARIOUS ADDITIVES IN HOLLOW NANOCLAY TUBES	POLYOLEFINS - MLLDPE/ LLDPE/ HDPE/ HMHDPE/ LDPE/ PP /PC-ABS BLENDS // TPO, TPE, TPU
MACROFIL HT - SURFACE TREATED HALLOSYTE NANOCLAYS	REDUCE GLASS FIBER LOADING, MAKE COMPOUNDS LIGHT WEIGHT, ENHANCE MECHANICAL PROPERTIES	PP
MACROGRAN AC	REACTIVE BLOCK COPOLYMER AND COMPATIBILIZER	TPO
OXO BIODEGRADABLE ADDITIVE	MAKES POLYMER DEGRADE IN PRESENCE OF OXYGEN AND LIGHT	POLYOLEFINS - MLLDPE, LLDPE, HDPE, HMHDPE, LDPE, PP
PDIB FR SYNERGIST	ELIMINATE ATO AND 15 % FR FOR V2 , FOR V0 - REDUCE ATO BY 50 % AND FR BY 15 %	ABS // PC
RED PHOSPHOROUS. MCA FRS	EFFECTIVE NON HAL FRS FOR NYLON 6, 66	POLYAMIDE
RHEOPOLY FLUOROPOLYMER BASED POLYMER PROCESSING AID	PREVENTS MELT FRACTURE, SHARK SKIN, DIE LIP BUILD UP IN LINEAR POLYOLEFINS	POLYOLEFINS - MLLDPE, LLDPE, HDPE, HMHDPE
RODENT REPELLENT ADDITIVE	DISSUADES RODENT FROM BITING POLYMER WIRES, CABLES, DRIP IRRIGATION TUBES, FOAMS ETC.	POLYOLEFINS - MLLDPE, LLDPE, HDPE, HMHDPE, LDPE, PP // TPO , TPE, TPU // NATURAL RUBBER, SBR, SILICONE RUBBER, BUTADIENE RUBBER, PVC/ NITRILE RUBBER, SEBS // PVC
SHINEPOLY ANTI-DRIPPING POLYMER	MODIFIED PTFE, CONVENIENT TO HANDLE - FREE FLOWING AT ROOM TEMPERATURE VERY EFFECTIVE TO ACHIEVE V0 RATING AT LOWER LOADINGS, CONSISTENT RESULTS	PC/PC-ABS/ABS/HIPS//PBT//PP/PPO-PS
SHINEPOLY IMPACT MODIFIER BASED ON ASA - ACRYLONITRILE STYRENE ACRYLATE LP 2085	HIGH SILICONE RUBBER CONTENT FOR LOW TEMP. IMPACT MODIFICATION	POLYOLEFINS - MLLDPE, LLDPE, HDPE, HMHDPE, LDPE, PP // PET, PBT, PC // POLYAMIDE // HIPS, ABS, SAN // PPO // PVC / TPO, TPE, TPU //
SHINEPOLY IMPACT MODIFIER BASED ON ASA - LP 2065 / 2068	FOR LOW TEMP. IMPACT MODIFICATION	PC , SAN
SHINEPOLY KSS / KPFBS FRS	KPFBS AND KSS - VERY LOW LOADING NON HAL FRS FOR PC	PC
SILANES	FOR COMPATIBILITY, STRENGTH IMPROVEMENT, CROSS LINKING	XLPE COMPOUNDS/ FILLER TREATMENT
STYRENE MALEIC ANHYDRIDE	COMPATIBILIZER, HEAT BOOSTER, ADHESION PROMOTER	PMMA // PVC // ABS, HIPS // PC-ABS BLENDS //

