

POLYCOM

POLYCOM - MODIFIER FOR VARIOUS PLASTIC INDUSTRIES APPLICATIONS

Polycom is an elastomer based compound which works as a modifier, processing aid and excellent bonding agent. It facilitates property enhancement and cost reduction. Polycom is compatible with most of the polymers like HM-HDPE, LDPE, LLDPE, PP, PS, PVC, etc.

Common benefits of using Polycom are:-

- Increases strength and elongation by providing improved homogeneity and dispersion
- Increases polymer stability in case of recycled polymer
- Enables to increase calcium carbonate/ recycled material
- Reduction of white master batch dosage
- Increase in output, smoothens manufacturing process and enables power saving
- Increases the life of screw and barrel



APPLICABLE INDUSTRIES

BLOWN FILM

Polymer replacement in HD, LD and LLDPE by 5-10% for both mono and multi layer. Excellent sealing properties with improved gloss



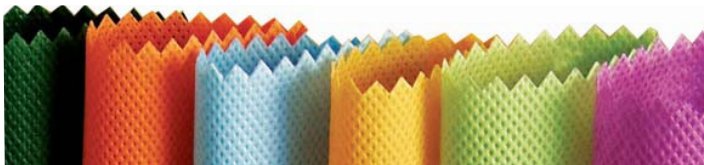
ROTO MOULDING

Polymer replacement by 5%-10%
Improves flexibility and enhances life of the product
Increases impact strength



WOVEN SACKS (RAFFIA) JUMBO BAGS / PP NON WOVEN

Polymer replacement in HD/ PP by 2-6%
Reduces water carry over
Reduces breakages in tape plant and looms
Reduces powder formation in looms
Denier and GSM variation is controlled



SHEET AND THERMOFORMING- PP/PS

Polymer replacement in PP/PS by 5%-10%
Improves flexibility and elasticity



HDPE / PPR PIPES

Polymer replacement by 5%-10%
Improves flexibility and impact strength
Increases welding properties



INJECTION / BLOWMOULDING

Control of thickness variation and shrinkage
Increasing impact strength and drop test properties
Dosage of 5% to 15% without changing usual formulation

