



Polymer Blends

EXTRUSION, INJECTION AND BLOW MOLDING OF TAILORED THERMOPLASTIC BLENDS

KEY WORDS

CUSTOMIZED
POLYMER
FORMULATIONS,

TAILOR-MADE
THERMOPLASTIC
COMPOUNDS,

EXTRUSION,
INJECTION AND
BLOW MOLDING

DESCRIPTION

Development of polymeric blends with specific mechanical and flow properties, involving the use of thermoplastics, elastomers, organic and inorganic fillers and biodegradable polymers.

POTENTIAL BENEFITS OR IMPACTS

Blends may be tailored to suit specific needs of final products.

TECHNOLOGY MATURITY LEVEL (TRL)

TRL 9: system proven and operational in a real operating environment.

AREA OF APPLICATION

Polymeric blends obtained by reactive mixing, single and double screw extrusion.

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