



TAFMER™ PN-0040 Propylene Based Elastomer

General Information

TAFMER™ PN-0040, propylene based polymer, is a specialty olefinic resin designed to improve transparency, flexibility, softness and impact resistance of Polypropylene (PP).

Physical Attributes:	Low specific gravity High melting point Softness and elasticity Excellent transparency due to nano-size controlled crystals Good impact resistance Anti-stress whitening
Chemical Attributes:	PP miscibility
FDA/EU Directive Conformity:	Conforms to FDA and EU Directive Please contact Mitsui sales representatives for more information
Others:	Packed in pellet form Gel content controlled

Physical Properties	UNIT	Value	Method
MFR(190°C)	g/10min	1.9	ASTM D1238
MFR(230°C)	g/10min	4.0	ASTM D1238
Transmittance	%	98	2mm Sheet in Cyclohexanol, C Light
Mechanical Properties	Unit	Value	Method
Yielding Strength	MPa	-	ASTM D638
Tensile Strength at Break	MPa	22	ASTM D638
Elongation at Break	%	950	ASTM D638
Young's Modulus	MPa	37	ASTM D638
Surface Hardness	Shore A	86	ASTM D2240
Thermal Properties	Unit	Value	Method
Melting Point	°C	160	ASTM D2117
Brittleness Temperature	°C	-28	ASTM D746

Disclaimer:

Information contained herein is based on the material, information and data available as of the end of December 2011. No warranty is given for any data or evaluation results contained herein. It is also assumed that the product is to be used under normal conditions and with due precautions. If the product is to be used in any special manner, the user is requested safety measures to meet such new use or application.