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℃)	g/10min	1.9	ASTM D1238
MFR(230℃)	g/10min	4.0	ASTM D1238
Transmittance	%	98	2mmt 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	℃	160	ASTM D2117
Brittleness Temperature	℃	-28	ASTM D746