



TAFMER™ XM-5080S Propylene Based Elastomer

General Information

TAFMER™ XM-5080S, propylene based polymer, is a specialty olefinic resin designed to improve mechanical properties of Polypropylene (PP) based product.

Physical Attributes:	Low melting point Transparency
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 not controlled for film application

Physical Properties	Test Method	Unit	Value
MFR(190°C/2.16kg)	ASTM D1238	g/10min	3.0
MFR(230°C/2.16kg)	ASTM D1238	g/10min	7.0
Mechanical Properties	Test Method	Unit	Value
Yielding Stress	ASTM D638	MPa	14
Tensile Strength at Break	ASTM D638	MPa	36
Elongation at Break	ASTM D638	%	750
Young's Modulus	ASTM D638	MPa	390
Surface Hardness (Shore D)	ASTM D2240	—	55
Thermal Properties	Test Method	Unit	Value
Melting Point	MCI Method	°C	83

Disclaimer:

Information contained herein is based on the material, information and data available as of the end of December 2013. 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.