

TAFMER™ XM-7080

Polyalphaolefin

Mitsui Chemicals America, Inc.

Message:

TAFMER™ XM is a superior, low crystalline copolymer of propylene and alpha-olefin which is perfect for biaxially oriented polypropylene (PP) and cast film sealant as well as a resin modifier for polyolefins. TAFMER XM is developed with Metallocene catalyst. The material has excellent low temperature sealability, good sealing performance in a wide temperature range and good anti-blocking properties. As a heat seal layer for OPP film, TAFMER XM is an excellent package sealer for chocolates, cookies and crackers among other items. In addition, the low temperature shrink characteristics of PP can be improved with TAFMER XM.

General Information			
Features	High Clarity		
	High Gloss		
	High Hardness		
	High Heat Resistance		
	High Scratch Resistance		
	Hot Tack Strength		
	Low Temperature Heat Sealability		
	Low to No Odor		
	Low to No Taste		
Uses	Film		
	Packaging		
	Sealants		
	Shrink Wrap		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	7.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	55		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	390	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	13.0	MPa	
Break	36.0	MPa	
Tensile Elongation (Break)	> 600	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	74.0	°C	ASTM D1525
Melting Temperature	83.0	°C	ASTM D2117

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Recommended distributors for this material

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