

# TAFMER™ BL3450M

Polyalphaolefin  
Mitsui Chemicals, Inc.

Message:

TAFMER™ BL3450M, 1-butene based polymer, is a specialty olefinic resin designed to control easy peel strength of Polyethylene (PE) based film.

General Information			
Features	Butene comonomer		
Uses	Films		
	Plastic modification		
Agency Ratings	EU Unspecified Rating		
	FDA not rated		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR)			ASTM D1238
190°C/2.16 kg	4.0	g/10 min	ASTM D1238
230°C/2.16 kg	9.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	56		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	250	MPa	ASTM D638
Tensile Strength (Break)	49.0	MPa	ASTM D638
Tensile Elongation (Break)	450	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-32.0	°C	ASTM D746
Melting Temperature	100	°C	Internal method

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