

# Hifax X M1 T11

Polypropylene Alloy  
LyondellBasell Industries

Message:  
PP/EPR-Blend, 15% mineral filled, impact modified. High flow with good impact properties at low temperature. The product is designed for bumpers and spoilers.

General Information	
Filler / Reinforcement	Mineral,15% Filler by Weight
Additive	Impact Modifier
	UV Stabilizer
Features	Good UV Resistance
	High Flow
	Impact Modified
	Low Temperature Impact Resistance
Uses	Automotive Applications
	Automotive Bumper
	Automotive Exterior Parts

Physical	Nominal Value	Unit	Test Method
Density	1.01	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	15	g/10 min	ISO 1133
Molding Shrinkage	0.85 to 0.95	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	1400	MPa	ISO 527-2/50
Tensile Stress (Yield, 23°C)	15.0	MPa	ISO 527-2/50
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/eA
-30°C	3.0	kJ/m <sup>2</sup>	
23°C	25	kJ/m <sup>2</sup>	
Charpy Unnotched Impact Strength (23°C)	No Break		ISO 179
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	125	°C	ISO 306/B50

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