

Hifax X M1 T05/2

Polypropylene Impact Copolymer

LyondellBasell Industries

Message:

Hifax X M1 T05/2 is a 15% mineral filled, UV stabilized, high impact modified polypropylene copolymer, designed for outdoor application.

General Information	
Filler / Reinforcement	Mineral,15% Filler by Weight
Additive	UV Stabilizer
Features	Good UV Resistance
	Impact Copolymer
Uses	Automotive Applications
	Automotive Bumper
	Automotive Exterior Parts
	Outdoor Applications

Physical	Nominal Value	Unit	Test Method
Density	1.01	g/cm ³	ISO 1183
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	10.0	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - Secant	1250	MPa	ISO 527-2
Tensile Stress (Yield)	15.0	MPa	ISO 527-2/50
Tensile Strain (Yield)	8.0	%	ISO 527-2/50
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	5.0	kJ/m ²	
23°C	No Break		
Charpy Unnotched Impact Strength (23°C)	No Break		ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	125	°C	ISO 306/B50

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