

Hipolyene 3040 B (M)

Thermoplastic Polyolefin Elastomer

Zylog Plastalloys

Message:

Hipolyene 3040 B (M) is a Thermoplastic Polyolefin Elastomer (TPO (POE)) material filled with mineral. It is available in Africa & Middle East or Europe. Important attributes of Hipolyene 3040 B (M) are:
RoHS Compliant
Good UV Resistance
UV Stabilized
Typical application of Hipolyene 3040 B (M): Automotive

General Information			
Filler / Reinforcement	Mineral		
Additive	UV Stabilizer		
Features	Good UV Resistance		
Uses	Automotive Applications		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.920	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	6.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow (24 hr)	1.5	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 23°C)	70		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	22.1	MPa	ASTM D638
Tensile Elongation ² (Break)	95	%	ASTM D638
Flexural Modulus ³	834	MPa	ASTM D790
Flexural Strength ⁴	27.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	12	J/m	ASTM D256
Thermal	Nominal Value		
Heat Stability - Long Term	Complies to auto OE requirement		
NOTE			
1.	50 mm/min		
2.	50 mm/min		
3.	1.4 mm/min		
4.	1.4 mm/min		

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