

# Hifax TRC 1204X

Thermoplastic Polyolefin Elastomer  
LyondellBasell Industries

Message:

Hifax TRC 1204X has a very high melt flow, very high flexural modulus, paintable, mineral-filled thermoplastic elastomeric olefin (TEO) resin has an excellent balance of properties and processability. It was designed for use in multiple automotive exterior applications

General Information			
Filler / Reinforcement	Mineral		
Features	Good Dimensional Stability		
	Good Impact Resistance		
	Good Moldability		
	Good Processability		
	High Flow		
	High Stiffness		
	Low Shrinkage		
	Paintable		
Uses	Automotive Exterior Parts		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.16	g/cm <sup>3</sup>	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	30	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	17.0	MPa	ISO 527-2/1
Flexural Modulus (23°C)	2700	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Multi-Axial Instrumented Impact Energy (-10°C, Energy to Peak Force, Ductile Failure)	21.0	J	ISO 6603-2
Thermal	Nominal Value	Unit	Test Method
CLTE <sup>1</sup>			ISO 11359-2
Flow	2.7E-5	cm/cm/°C	
Transverse	2.7E-5	cm/cm/°C	
NOTE			
1.	1/°C		

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