

# Hifax TRC 1204P

Thermoplastic Polyolefin Elastomer

LyondellBasell Industries

## Message:

Hifax TRC 1204P has a very high melt flow, very high flexural modulus, 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 and for applications requiring high stiffness and low CLTE.

General Information			
Filler / Reinforcement	Mineral		
Features	Good Dimensional Stability		
	Good Impact Resistance		
	Good Moldability		
	Good Processability		
	High Flow		
	High Stiffness		
	Low Shrinkage		
Uses	Automotive Applications		
	Automotive Exterior Parts		
Processing Method	Injection Molding		
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	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	17.0	MPa	ISO 527-2
Flexural Modulus (23°C)	2700	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Multi-Axial Instrumented Impact Energy <sup>1</sup> (-10°C, Energy to Peak Force, Ductile Failure)	21.0	J	
Thermal	Nominal Value	Unit	
CLTE			
Flow	2.7E-5	cm/cm/°C	
Transverse	2.7E-5	cm/cm/°C	
NOTE			
1.	2.2 m/sec		

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## Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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