

Technical Data Sheet

Hifax TKS1201PC YGYA

Polypropylene Compounds



Product Description

Hifax TKS1201PC YGYA is a thermoplastic olefinic elastomer (TPO) typically used for automotive exterior applications that require excellent low-temperature toughness in large injection molded parts.

Application	Automotive Parts; Exterior Automotive Applications
Market	Automotive
Processing Method	Injection Molding
Attribute	Good UV Resistance; Good Weather Resistance; Low Temperature Toughness

Typical Properties	Nominal Value	English Units	Nominal Value	SI Units	Test Method
Physical					
Melt Flow Rate, (230 °C/2.16 kg)	10	g/10 min	10	g/10 min	ISO 1133-1
Density, (23 °C)	0.90	g/cm ³	0.90	g/cm ³	ISO 1183-1
Mechanical					
Flexural Modulus			750	MPa	ISO 178
Tear Strength	560	lbf/in			ASTM D624
Tensile Stress at Yield, (23 °C, 50 mm/min)			14	MPa	ISO 527-1, -2
Hardness					
Shore Hardness, (Shore D)	56		56		ISO 868
Additional Information					
Mold Shrinkage					ISO 294-4

Please contact LyondellBasell for shrinkage recommendations.

Notes

These are typical property values not to be construed as specification limits.

