

Technical Data Sheet

Softell™ TKG 2148P NA P3A Pr Blue

Polypropylene Compounds



Product Description

Softell™ TKG 2148P NA P3A "Prime" Blue is a 20% glass fiber reinforced PP copolymer with very high UV resistance, good soft touch haptics, high flowability, high dimensional stability and very high scratch resistance.

Application	Interior Automotive Applications; Soft Touch Applications
Market	Automotive
Processing Method	Injection Molding
Attribute	Good Dimensional Stability; Good UV Resistance; High Flow; Scratch Resistant

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	16	g/10 min	ASTM D1238
Density, (23 °C)	1.02	kg/m³	ISO 1183-1
Mechanical			
Flexural Modulus, (23 °C)	2800	MPa	ISO 178
Tensile Stress at Yield, (23 °C)	40	MPa	ISO 527-1, -2
Tensile Strain at Break, (23 °C)	8	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C)	15	kJ/m²	ISO 179
(-30 °C)	8	kJ/m²	ISO 179
Thermal			
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	145	°C	ISO 75B-1, -2
Heat Deflection Temperature A, (1.80 MPa, Unannealed)	115	°C	ISO 75A-1, -2
Additional Information			
Mold Shrinkage			ISO 294-4
Please contact LyondellBasell for shrinkage recommendations.			

