

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.

Regulatory Status

For regulatory compliance information, see Softell™ TKG 2148P NA P3A Pr Blue [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Commercial: Active
Availability	North America
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/m ³	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/m ²	ISO 179
(-30 °C)	8	kJ/m ²	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.			