

Technical Data Sheet

Polyfort TPP10AT23NA-NANAT



Polypropylene, Unspecified (PP, Unspecified)

Product Description

PP TPP10AT23 is a Polypropylene product filled with 10% talc.

Regulatory Status

For regulatory compliance information, see TPP10AT23NA-NANAT [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Commercial: Active
Availability	Latin America; North America
Processing Method	Injection Molding
Attribute	Impact Modified
Forms	Pellets
Additive	Impact Modifier
Filler/Reinforcement	Talc, 10%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	0.85	g/10 min	ASTM D1238
Density - Specific Gravity	0.918	g/cm ³	ASTM D792
Mechanical			
Flexural Strength at Yield, (23 °C)	22.8	MPa	ASTM D790
Tensile Stress at Yield, (50 mm/min)	16.0	MPa	ISO 527-2
Flexural Modulus			
(2.0 mm/min)	650	MPa	ISO 178
(23 °C, 1% Secant)	862	MPa	ASTM D790
(23 °C, Tangent)	931	MPa	ASTM D790
Tensile Elongation at Break, (23 °C)	150	%	ASTM D638
Impact			
Unnotched Izod Impact, (23 °C)	No Break		ASTM D4812
Notched Izod Impact, (23 °C)	590	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (66 psi)	73.9	°C	ASTM D648



Injection Parameters	Nominal Value	Units
Drying Time	2.0 to 3.0	hr
Drying Temperature	80	°C
Processing (Melt) Temp	220 to 260	°C
Mold Temperature	30 to 60	°C

Notes

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

Processing Techniques

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

Company Information

For further information regarding the LyondellBasell company, please visit <http://www.lyb.com/>.

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