

Veroplas PA5300

Polyamide 6

PlastxWorld Inc.

Message:

Veroplas PA5300 is a polyamide 6 (nylon 6) product, which contains a 30% mineral filler. It can be processed by injection molding and is available in North America or Europe.

General Information			
Filler / Reinforcement	Mineral filler, 30% filler by weight		
Features	General		
Uses	General		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.35	g/cm ³	ASTM D792
Molding Shrinkage - Flow	1.0	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	75.2	MPa	ASTM D638
Tensile Elongation (Break)	15	%	ASTM D638
Flexural Modulus	3000	MPa	ASTM D790
Flexural Strength	100	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	55	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	93.3	°C	ASTM D648
Vicat Softening Temperature	191	°C	ASTM D1525
Additional Information			
Glow Wire Test, UNE 20-672-83: 1200°F			
Injection	Nominal Value	Unit	
Suggested Max Moisture	0.17	%	

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Recommended distributors for this material

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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