

Verolloy A2706

Acrylonitrile Butadiene Styrene + Nylon

PlastxWorld Inc.

Message:

Verolloy A2706 is an acrylonitrile butadiene styrene + nylon (ABS + nylon) product, which contains a 30% glass fiber reinforced material. It is available in North America or Europe.

Features include:

flame retardant/rated flame

high strength

Impact resistance

Heat resistance

General Information				
Filler / Reinforcement		Glass fiber reinforced material, 30% filler by weight		
Features		High tensile strength		
		Impact resistance, high		
		Heat resistance, high		
Forms		Particle		
Physical	Dry	Conditioned	Unit	Test Method
Specific Gravity	1.31	--	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.10 - 0.50	--	%	ASTM D955
Hardness	Dry	Conditioned	Unit	Test Method
Rockwell Hardness	117	--		ASTM D785
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Strength (Break)	124	117	MPa	ASTM D638
Tensile Elongation (Break)	4.0	5.0	%	ASTM D638
Flexural Modulus	6890	5650	MPa	ASTM D790
Flexural Strength	207	165	MPa	ASTM D790
Impact	Dry	Conditioned	Unit	Test Method
Notched Izod Impact				ASTM D256
--	--	160	J/m	ASTM D256
23°C, 3.18 mm	140	--	J/m	ASTM D256
Thermal	Dry	Conditioned	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)				
	200	195	°C	ASTM D648
Flammability	Dry	Conditioned		Test Method
Flame Rating (1.50 mm)	HB	--		UL 94

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