

TECHNYL® A 303 NATURAL FA

Polyamide 66
Solvay Engineering Plastics

Message:

TECHNYL® A 303 NATURAL FA is a Polyamide 66 (Nylon 66) material. It is available in Africa & Middle East or Europe for extrusion.
Important attributes of TECHNYL® A 303 NATURAL FA are:
Good Stiffness
High Viscosity
Impact Resistant

General Information				
Features		Good Stiffness High Impact Resistance High Viscosity		
Uses		Profiles		
Appearance		Natural Color		
Processing Method		Extrusion		
Part Marking Code (ISO 11469)		>PA66<		
Physical	Dry	Conditioned	Unit	Test Method
Density	1.14	--	g/cm ³	ISO 1183/A
Water Absorption (23°C, 24 hr)	1.7	--	%	ISO 62
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Modulus	3000	1050	MPa	ISO 527-2/1A
Tensile Stress				ISO 527-2/1A
Yield	84.0	48.0	MPa	
Break	55.0	45.0	MPa	
Tensile Strain (Break)	30	46	%	ISO 527-2/1A
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength	5.5	--	kJ/m ²	ISO 179/1eA
Thermal	Dry	Conditioned	Unit	Test Method
Melting Temperature	262	--	°C	ISO 11357-3
Injection	Dry	Unit		
Drying Temperature	80.0		°C	
Suggested Max Moisture	0.10		%	
Rear Temperature	240 to 250		°C	
Middle Temperature	240 to 260		°C	
Front Temperature	240 to 260		°C	
Mold Temperature	260 to 270		°C	

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Recommended distributors for this material

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