TECHNYL® A 216T V33 BLACK 1N

Polyamide 66

Solvay Engineering Plastics

Message:

Polyamide PA66 reinforced with 33% of glass fibre, heat stabilised, for injection moulding.

General Information	
Filler / Reinforcement	Glass Fiber,33% Filler by Weight
Additive	Heat Stabilizer
Features	Heat Stabilized
Uses	Automotive Applications
Appearance	Black
Processing Method	Injection Molding
Part Marking Code (ISO 11469)	>PA66-GF33<

Physical	Dry	Conditioned	Unit	Test Method
Density	1.40	--	g/cm³	ISO 1183/A
Mechanical	**Dry**	**Conditioned**	**Unit**	**Test Method**
Tensile Modulus	11000	8300	MPa	ISO 527-2/1A
Tensile Stress (Break)	200	145	MPa	ISO 527-2/1A
Tensile Strain (Break)	3.0	4.0	%	ISO 527-2/1A
Flexural Modulus	9200	6400	MPa	ISO 178
Impact	**Dry**	**Conditioned**	**Unit**	**Test Method**
Charpy Notched Impact Strength	13	17	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength	90	98	kJ/m²	ISO 179/1eU
Notched Izod Impact Strength	12	17	kJ/m²	ISO 180/1A
Thermal	**Dry**	**Conditioned**	**Unit**	**Test Method**
Heat Deflection Temperature (1.8 MPa, Unannealed)	255	--	°C	ISO 75-2/Af
Melting Temperature	263	--	°C	ISO 11357-3
CLTE - Flow (23 to 85°C)	2.3E-5	--	cm/cm/°C	ISO 11359-2

Injection	Dry	Unit
Drying Temperature	80.0	°C
Suggested Max Moisture	0.20	%
Rear Temperature	260 to 270	°C
Middle Temperature	270 to 280	°C
Front Temperature	280 to 290	°C
Mold Temperature	60.0 to 80.0	°C

Recommended distributors for this material

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