

TECHNYL® XC 1440 BLACK

Polyamide 6
Solvay Engineering Plastics

Message:
Product in development
Unreinforced polyamide PA6, heat stabilized, high viscosity for blow-molding.

General Information			
Additive	heat stabilizer		
Features	Thermal Stability		
	ductility		
	Viscosity, High		
Uses	Blow molding applications		
Appearance	Black		
Processing Method	Blow molding		
Part Marking Code (ISO 11469)	>PA6		
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1830	MPa	ISO 527-2/1A
Tensile Stress			ISO 527-2/1A
Yield	46.0	MPa	ISO 527-2/1A
Fracture	41.0	MPa	ISO 527-2/1A
Tensile Strain			ISO 527-2/1A
Yield	5.0	%	ISO 527-2/1A
Fracture	65	%	ISO 527-2/1A
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
--	110	kJ/m²	ISO 179/1eA
-30°C	90	kJ/m²	ISO 179/1eA
0°C	100	kJ/m²	ISO 179/1eA
Extrusion	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Suggested Max Moisture	0.070	%	
Cylinder Zone 1 Temp.	220 - 240	°C	
Cylinder Zone 3 Temp.	225 - 245	°C	
Adapter Temperature	225 - 245	°C	
Die Temperature	225 - 245	°C	
Extrusion instructions			
Head Temperature: 225 to 245°CBlow Molding Mold Temperature: 20°C			

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