Tenogel®

TENOGEL A3 MF CO PRTA010 AB355 MSP

PETROPOL® A essência da transformação

Product Description

Thermal resistant, impact resistance, ABS

General Considerations

Resin ID (ISO 1043)	· >ABS<
Addtive	· Thermal Resistant
Processing	· Injection Molding
Color	· Black

- The information below is for informational purposes only and should not be adopted as specification limits.

Physical	Value	Unit	Method
Density / Specific Gravity	1,04 to 1,06	g/cm³	ASTM D 792/A
Melt Flow Rate	10 to 25	g/10 min	ASTM D 1238
Mold Shrinkage	0,5 to 0,7	%	ASTM D 955
Water Absorption	0,3	%	ASTM D 570

Mechanical	Value	Unit	Method
Tensile Strength	40	MPa	ASTM D 638
Elongation at Break	20	%	ASTM D 638
Flexural Strength	60	MPa	ASTM D 790
Flexural Modulus	1900	MPa	ASTM D 790
Hardness, Rockwell R	100	Scale R	ASTM D785
Notched Izod Impact		J/m	ASTM D 256
-30°C	120		
0°C	200		
23°C	290		

Thermal	Value	Unit	Method
Deflection Temperature		°C	ASTM D 648
1,80 MPa	85		
Flammability	HB	°C	UL 94

Electrical	Value	Unit	Method
Electrostatic Voltage	650	V	Internal Method
Half-life period of Electrostatic Voltage decay	0.4	Sec.	Internal Method
Surface Resistivity	1,00E+12	Ω	ASTM D 257

Process		Unit	Method
Molding Process Temperature	195 to 230	°C	--
Mold Temperature	50 to 70	°C	--
Stuffing Static (Tray)	90/3	°C/Hours	--