

Polimeri Europa SINKRAL C433/M3 ABS, Heat Stabilized (discontinued **)

Category : Polymer , Thermoplastic , ABS Polymer , Acrylonitrile Butadiene Styrene (ABS), Extruded

Material Notes:

Symbol according to ISO 1043-1: ABS Grade designation according to ISO 2580-ABS 1,EG,095-08-16-15 Special low gloss grade for extrusion and calendering, with high mattness and medium impact resistance. SINKRAL C433/M3 is recommended for the extrusion/co-extrusion of thermoformable sheets in order to produce internal parts of industrial vehicles (door panels, trim, dashboard components), where a low reflectance surface is desired. Unfilled. Suitable for Profile Extrusion, Sheet Extrusion, Calendering, Thermoforming. Supplied as pellets. ISO data. Information provided by Enichem Polimeri Europa now has Enichem's plastics businesses. This grade is no longer in the product line.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Polimeri-Europa-SINKRAL-C433M3-ABS-Heat-Stabilized-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	1.04 g/cc	0.0376 lb/in ³	
Water Absorption	1.0 %	1.0 %	
Moisture Absorption at Equilibrium	0.20 %	0.20 %	Humidity Absorption
Melt Flow	6.0 g/10 min @Load 10.0 kg, Temperature 220 °C	6.0 g/10 min @Load 22.0 lb, Temperature 428 °F	cm ³ /10 min

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	28.0 MPa	4060 psi	50 mm/min
Elongation at Break	>= 50 %	>= 50 %	Nominal
Elongation at Yield	3.0 %	3.0 %	50 mm/min
Tensile Modulus	1.40 GPa	203 ksi	1 mm/min
Charpy Impact Unnotched	NB	NB	
	NB	NB	
	@Temperature -30.0 °C	@Temperature -22.0 °F	
Charpy Impact, Notched	1.70 J/cm ²	8.09 ft-lb/in ²	
	1.00 J/cm ²	4.76 ft-lb/in ²	
	@Temperature -30.0 °C	@Temperature -22.0 °F	

Thermal Properties	Metric	English	Comments
	90.0 µm/m-°C	50.0 µin/in-°F	

CTE, linear, Parallel to Flow Thermal Properties	Metric @ Temperature 20.0 °C	English @ Temperature 68.0 °F	Comments
Deflection Temperature at 0.46 MPa (66 psi)	92.0 °C	198 °F	
Deflection Temperature at 1.8 MPa (264 psi)	78.0 °C	172 °F	
Vicat Softening Point	98.0 °C	208 °F	50°C/hr; 50N
Flammability, UL94	HB @Thickness 1.60 mm	HB @Thickness 0.0630 in	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	1.00e+15 ohm-cm	1.00e+15 ohm-cm	
Surface Resistance	1.00e+14 ohm	1.00e+14 ohm	
Dielectric Strength	30.0 kV/mm	762 kV/in	
Comparative Tracking Index	600 V	600 V	

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