

Polimeri Europa SINKRAL PD H210/K ABS (discontinued **)

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

Material Notes:

Symbol according to ISO 1043-1: ABS Grade designation according to ISO 2580-ABS 1,MG,085-25-16-25 Flame retarded (PBBE free) injection moulding grade, rated UL94-5V at 3.2 mm thick and UL 94V-0 at 1.6 mm thick. This material presents a good fluidity, a good impact resistance and also a good UV resistance. Applications: computer housings, electrical appliances, business machines.Unfilled. Suitable for Injection Molding. Supplied as pellets. Contains lubricant and release agent.ISO data. Information provided by EnichemPolimeri 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-PD-H210K-ABS-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	1.18 g/cc	0.0426 lb/in ³	
Water Absorption	1.0 %	1.0 %	
Moisture Absorption at Equilibrium	0.20 %	0.20 %	Humidity Absorption
Melt Flow	15.5 g/10 min @Load 10.0 kg, Temperature 220 °C	15.5 g/10 min @Load 22.0 lb, Temperature 428 °F	cm ³ /10 min

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	36.0 MPa	5220 psi	50 mm/min
Elongation at Break	20 %	20 %	Nominal
Elongation at Yield	2.6 %	2.6 %	50 mm/min
Tensile Modulus	2.40 GPa	348 ksi	1 mm/min
Charpy Impact Unnotched	9.00 J/cm ²	42.8 ft-lb/in ²	
	5.00 J/cm ² @Temperature -30.0 °C	23.8 ft-lb/in ² @Temperature -22.0 °F	
Charpy Impact, Notched	0.900 J/cm ²	4.28 ft-lb/in ²	
	0.400 J/cm ² @Temperature -30.0 °C	1.90 ft-lb/in ² @Temperature -22.0 °F	

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	90.0 µm/m-°C	50.0 µin/in-°F	

Thermal Properties	@Temperature 20.0 °C Metric	@Temperature 68.0 °F English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	84.0 °C	183 °F	
Deflection Temperature at 1.8 MPa (264 psi)	73.0 °C	163 °F	
Vicat Softening Point	87.0 °C	189 °F	50°C/hr; 50N
Glass Transition Temp, Tg	106 °C	223 °F	10°C/min test
Flammability, UL94	V-0	V-0	
	@Thickness 1.57 mm	@Thickness 0.0618 in	
	V-0	V-0	
	@Thickness 3.17 mm	@Thickness 0.125 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	32.0 kV/mm	813 kV/in	
Comparative Tracking Index	500 V	500 V	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China