

Polymer Industries Densetec HDPE Cutting Board

Category : Polymer , Thermoplastic , Polyethylene (PE) , HDPE , High Density Polyethylene (HDPE), Injection Molded

Material Notes:

Densetec Cutting Board is engineered for durability, low maintenance and safety. Its textured, matte surface safely holds food in place without slipping. The "natural" bright white color is favored for its sanitary look. Knives stay sharp when cutting on Densetec Cutting Board. Instead of striking a rigid surface that dulls the blade, Densetec Cutting Board gives on contact. Because of its unique molecular structure, cuts seal and become indiscernible. Information provided by Polymer Industries.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Polymer-Industries-Densetec-HDPE-Cutting-Board.php

Physical Properties	Metric	English	Comments
Density	0.955 g/cc	0.0345 lb/in ³	ASTM D1505
ESCR 100% Igepal®	35 hour	35 hour	CO-630; Condition B; ASTM D1693
	45 hour	45 hour	CO-630; Condition A; ASTM D1693
Melt Index of Compound	0.25 g/10 min	0.25 g/10 min	ASTM D1238
	@Load 2.16 kg, Temperature 190 °C	@Load 4.76 lb, Temperature 374 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	28.0 MPa	4060 psi	2in (50mm) per min.; ASTM D638 Type 4
Elongation at Break	>= 600 %	>= 600 %	2in (50mm) per min.; ASTM D638 Type 4
Flexural Modulus	1.378 GPa	199.9 ksi	ASTM D790

Thermal Properties	Metric	English	Comments
CTE, linear	126 µm/m-°C	70.0 µin/in-°F	ASTM E831
	@Temperature 20.0 °C	@Temperature 68.0 °F	
Brittleness Temperature	<= -84.0 °C	<= -119 °F	ASTM D746
Flammability, UL94	HB	HB	

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