

CPC - Vycom SANATEC® Sanitary Cutting Boards High Density Polyethylene

Category : Polymer , Thermoplastic , Polyethylene (PE) , HDPE

Material Notes:

Sanatec is a high density polyethylene specially formulated for the manufacture of quality cutting boards. Sanatec's special surface finish insures long product life and will not dull knives. Sanatec outlasts (up to three times longer) functionally competitive materials and is considered the strongest and lightest of all cutting board materials.

FEATURES AND BENEFITS

Stable- Sanatec is acid resistant and stable in the food processing environment. **Quality-** Sanatec is extruded and it will not chip, peel, crack or warp. **Clean-** Sanatec will not absorb moisture, odor or bacteria and it is easy to clean. **Nonporous-** Sanatec is a homogenous extruded product that does not have pores. **Safe-** Sanatec is dishwasher safe. **FDA-** Sanatec is compliant with FDA regulations for food grade contact. **NSF-** Sanatec is approved by National Sanitation Foundation for all available colors offered by CPC. **Color Coded-** Sanatec is color coded to help prevent cross contamination in food groups.

Information provided by Compression Polymers Corp - Vycom

Order this product through the following link:

http://www.lookpolymers.com/polymer_CPC-Vycom-SANATEC-Sanitary-Cutting-Boards-High-Density-Polyethylene.php

Physical Properties	Metric	English	Comments
Density	0.960 g/cc	0.0347 lb/in ³	ASTM D1505

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	68	68	ASTM D2240
Tensile Strength, Ultimate	30.3 MPa	4400 psi	ASTM D638
Elongation at Break	>= 600 %	>= 600 %	ASTM D638
Flexural Modulus	1.52 GPa	220 ksi	ASTM D790
Tensile Impact	53.4 J/cm	100 ft-lb/in	ASTM D1822

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	77.8 °C	172 °F	ASTM D648
Vicat Softening Point	125 °C	257 °F	ASTM D1525
Brittleness Temperature	<= -76.1 °C	<= -105 °F	ASTM D746

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