

KYDEX® V Acrylic/PC Thermoplastic Sheet

Category : Polymer , Thermoplastic , Acrylic (PMMA) , Vinyl (PVC) , PVC/Acrylic Alloy

Material Notes:

Utility sheet Applications: Can be used to substitute effectively for utility grade thermoplastics. It is very appropriate for hidden parts and painted parts and/or where fire retardancy is not required. Features: Kydex V sheet is particularly well suited for hidden or painted parts since it has some degree of color variability. It is only available in black. Fabrication: Excellent forming properties result in uniform wall thicknesses and crisp detail, plus easy machining and fabricating using conventional methods, further expanding finished part possibilities. Data provided by the Kleerdex Company.

Order this product through the following link:

http://www.lookpolymers.com/polymer_KYDEX-V-AcrylicPC-Thermoplastic-Sheet.php

Physical Properties	Metric	English	Comments
Density	1.35 g/cc	0.0488 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.0040 - 0.0060 cm/cm	0.0040 - 0.0060 in/in	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	94	94	ASTM D785
Tensile Strength, Ultimate	42.0 MPa	6090 psi	ASTM D638
Modulus of Elasticity	2.068 GPa	299.9 ksi	
Flexural Yield Strength	63.0 MPa	9140 psi	ASTM D790
Izod Impact, Notched	4.27 J/cm @Temperature 23.0 Â°C	8.00 ft-lb/in @Temperature 73.4 Â°F	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	78.0 Â°C	172 Â°F	annealed; ASTM D648

Processing Properties	Metric	English	Comments
Processing Temperature	162 - 200 Â°C	324 - 392 Â°F	Forming Temperature

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