SCANTEC PC S75R

Polycarbonate Polykemi AB



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Technical Data

General			
Material Status	 Commercial: Active 		
UL Yellow Card ¹	• E122538-221311		
Search for UL Yellow Card	 Polykemi AB 		
Availability	 Asia Pacific 	 Europe 	
UL File Number	• E122538		

Physical	Nominal Value Unit	Test Method
Density	1.20 g/cm ³	ISO 1183
Molding Shrinkage		ISO 294-4
Across Flow	0.50 to 0.70 %	
Flow	0.50 to 0.70 %	
Mechanical	Nominal Value Unit	Test Method
Tensile Stress	60.0 MPa	ISO 527-2
Tensile Strain (Yield)	6.0 %	ISO 527-2
Flexural Modulus (23°C)	2200 MPa	ISO 178
Flexural Strength	100 MPa	ISO 178
Impact	Nominal Value Unit	Test Method
Charpy Notched Impact Strength		ISO 179
-20°C	30 kJ/m²	
23°C	40 kJ/m²	
Thermal	Nominal Value Unit	Test Method
Heat Deflection Temperature ³		
0.45 MPa, Unannealed	140 °C	ISO 75-2/B
1.8 MPa, Unannealed	130 °C	ISO 75-2/A
Vicat Softening Temperature		
	145 °C	ISO 306/A50
	140 °C	ISO 306/B50
Flammability	Nominal Value Unit	Test Method
Flame Rating (1.60 mm)	V-2	UL 94
Glow Wire Ignition Temperature (2.00 mm)	850 °C	IEC 60695-2-13

Notes

¹ A UL Yellow Card contains UL-verified flammability and electrical characteristics. UL IDES continually works to link Yellow Cards to individual plastic materials in Prospector, however this list may not include all of the appropriate links. It is important that you verify the association between these Yellow Cards and the plastic material found in Prospector. For a complete listing of Yellow Cards, visit the UL Yellow Card Search.

² Typical properties: these are not to be construed as specifications.

³ 120°C/hr

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Where to Buy

Supplier

Polykemi AB Ystad, Sweden Telephone: 46-0-411-170-30 Web: http://www.polykemi.se/

Distributor

Please contact the supplier to find a distributor for SCANTEC PC S75R

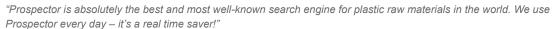


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Prospector is a searchable online database that includes 85,000 data sheets from 875 manufacturers and 44,000 UL yellow cards. Each data sheet includes property, processing and supplier contact information. Prospector is relied on by nearly 400,000 design engineers and plastics processors. Using Prospector, they save time with plastic material selection by quickly and easily referencing technical information critical to the success of their products.



- Birgit Elvardt Bader, Production Manager, Micotron

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Curve Data – view, overlay and export curve data.



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- Kevin Chase, Owner & President, Chase Plastics



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