

Technical Data

Product Description

Ekalon® 20 E I S is a Polycarbonate (PC) product. It is available in Europe. Primary characteristic: flame rated.

General

Material Status	• Commercial: Active
UL Yellow Card ¹	• E178422-226577
Search for UL Yellow Card	• Sattler KunststoffWerk GmbH
Availability	• Europe
UL File Number	• E178422
Forms	• Pellets

Physical	Nominal Value Unit	Test Method
Density	1.24 g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (300°C/1.2 kg)	20 g/10 min	ISO 1133
Molding Shrinkage	0.60 %	ISO 294-4
Mechanical	Nominal Value Unit	Test Method
Tensile Modulus	2400 MPa	ISO 527-2
Tensile Stress (Yield)	60.0 MPa	ISO 527-2
Tensile Strain (Yield)	50 %	ISO 527-2
Impact	Nominal Value Unit	Test Method
Charpy Notched Impact Strength (23°C)	20 kJ/m ²	ISO 179/1eA
Thermal	Nominal Value Unit	Test Method
Vicat Softening Temperature	135 °C	ISO 306/B50
Flammability	Nominal Value Unit	Test Method
Flame Rating	HB	UL 94

Additional Information

Melt Mass Flow Rate (MFR), ISO 1133, 300 °C/1.2kg: 17 to 23 g/10 min

Notes

¹ A UL Yellow Card contains UL-verified flammability and electrical characteristics. UL Prospector 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.

Where to Buy

Supplier

Sattler KunststoffWerk GmbH
Mühlheim am Main, Germany
Telephone: +49-6108-7978-0
Web: <http://www.sattlerkunststoffwerk.de/>

Distributor

Please contact the supplier to find a distributor for Ekalon® 20 E I S

