

ACC EP IS EPI Engineered Polymers Integral Skin Flexible Foam

Category : Polymer , Thermoset

Material Notes:

EP-IS is integral skin flexible foam, "Powered by Reactamine® Technology", designed to give excellent surface skin. EP-IS contains cyclopentane as its blowing agent, which conforms to EPA standards for no CFC or HCFC blowing agents. Density can be varied from 5 – 30 PCF to obtain different hardness in the finished product. Part of the Amber Chemical Group. Data provided by manufacturer.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ACC-EP-IS-EPI-Engineered-Polymers-Integral-Skin-Flexible-Foam.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	25 - 65	25 - 65	Dependent on mold density.
Tensile Strength, Yield	1.08 - 1.27 MPa	157 - 184 psi	
Elongation at Break	70 - 90 %	70 - 90 %	
Tear Strength	3.93 - 5.89 kN/m	22.4 - 33.6 pli	

Processing Properties	Metric	English	Comments
Mold Temperature	37.8 - 57.2 °C	100 - 135 °F	
Cure Time	0.583 - 1.25 min	0.00972 - 0.0208 hour	Tack Free Time
	3 - 4.02 min	0.05 - 0.0670 hour	Demold Time

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