

3M Impact Protection Adhesive

Category : Polymer , Adhesive

Material Notes:

3M Impact Protection Adhesive improves the overall performance of 3M Safety and Security Window Films. This unique window protection system combines the toughness of 3M patented micro-layer safety film with 3M's world-class expertise in adhesives to help shield against impact energy from severe weather, earthquakes, bomb blasts or forced entry events. The 3M Impact Protection System also helps protect against personal injury from flying glass. Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-Impact-Protection-Adhesive.php

Physical Properties	Metric	English	Comments
Density	1.403 g/cc	0.05069 lb/in ³	
Volatile Organic Compounds (VOC) Content	16 g/l	16 g/l	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	38 - 39	38 - 39	ASTM D2240
Tensile Strength, Ultimate	2.62 MPa	380 psi	ASTM D0412
Elongation at Break	640 %	640 %	ASTM D0412
Tear Strength	12.7 kN/m	72.3 pli	Die B; ASTM D0624

Processing Properties	Metric	English	Comments
Cure Time	21.0 min	0.350 hour	Tack Free Time, 50% RH
	4320 - 10100 min	72.0 - 168 hour	50% RH
	10100 - 20200 min	168 - 336 hour	Full Adhesion

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