

Dow INTEGRAL™ 933 Tough Film for Lamination to Porous Substrates

Category : Polymer , Film , Thermoset

Material Notes:

INTEGRAL 933 Adhesive Film has a low melting, high flow adhesive layer that is useful for bonding to substrates such as polyurethane or polyethylene foam, or to non-woven textiles. Information provided by Dow

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dow-INTEGRAL-933-Tough-Film-for-Lamination-to-Porous-Substrates.php

Physical Properties	Metric	English	Comments
Water Vapor Transmission	62.1 g/m ² /day	4.00 g/100 in ² /day	at 1 atm; ASTM E96
Thickness	50.8 microns	2.00 mil	

Mechanical Properties	Metric	English	Comments
Secant Modulus, MD	0.138 GPa	20.0 ksi	2% Secant; ASTM D882
Secant Modulus, TD	0.145 GPa	21.0 ksi	2% Secant; ASTM D882
Elmendorf Tear Strength, MD	5.12 g/micron	130 g/mil	ASTM D882
Elmendorf Tear Strength, TD	11.8 g/micron	300 g/mil	ASTM D882
Film Tensile Strength at Break, MD	18.6 MPa	2700 psi	ASTM D882
Film Tensile Strength at Break, TD	15.2 MPa	2200 psi	ASTM D882

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