

DSM Yparex® 8104 R Polyolefin Adhesive Resin (European Grade) (discontinued **)

Category : Polymer , Thermoplastic , Adhesives, Sealants, and Coatings , Polyolefin

Material Notes:

The Yparex range provides outstanding adhesion for all forms of polyethylene including cross-linked PE to: barrier plastics like EVOH and Polyamidemetals like aluminum, steel and copper. Yparex offers: Rheology tailored for your extrusion process Consistent products regarding flow and melt stability Maintains adhesion to metals up to 95°C The bonding that Yparex provides between polyethylene and the other layers develops in the melt phase and depends on contact time and temperature. Film applications: Multi-layer barrier films for food applications with low oxygen permeation Industrial films with oxygen barrier Multi-layer non-food packaging for improved mechanical properties and puncture resistance Pipe applications: Multi-layer barrier pipes for floor heating, protective pipes for cables etc Multi-layer composite pipes (metal/plastic) for 100% diffusion tight pipes that are corrosion resistant and function up to 95°C Information provided by DSM. Yparex B.V. was spun off from DSM in 2011. This grade was discontinued prior to the spinoff.

Order this product through the following link:

http://www.lookpolymers.com/polymer_DSM-Yparex-8104-R-Polyolefin-Adhesive-Resin-European-Grade-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.917 g/cc	0.0331 lb/in ³	ISO 1183
Melt Flow	4.0 g/10 min @Load 2.16 kg, Temperature 190 °C	4.0 g/10 min @Load 4.76 lb, Temperature 374 °F	ISO 1133

Thermal Properties	Metric	English	Comments
Melting Point	124 °C	255 °F	10°C/min; ISO 11357-1/-3
Vicat Softening Point	91.0 °C	196 °F	50°C/h 10N; ISO 306

Descriptive Properties	Value	Comments
Enthalpy of Melting	105	ISO 11357-1/-3
Film Extrusion	Yes	
Other Extrusion	Yes	

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