

Yparex 8305 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 Yparex B.V. was spun off from DSM in 2011.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Yparex-8305-Polyolefin-Adhesive-Resin-European-Grade-nbspdiscontinued-.php

| Physical Properties | Metric | English | Comments |
|---------------------|--|--|----------|
| Density | 0.954 g/cc | 0.0345 lb/in ³ | ISO 1183 |
| Melt Flow | 4.9 g/10 min @Load 2.16 kg, Temperature 190 °C | 4.9 g/10 min @Load 4.76 lb, Temperature 374 °F | ISO 1133 |

| Thermal Properties | Metric | English | Comments |
|-----------------------|--------|---------|--------------------------|
| Melting Point | 131 °C | 268 °F | 10°C/min; ISO 11357-1/-3 |
| Vicat Softening Point | 124 °C | 255 °F | 50°C/h 10N; ISO 306 |

| Descriptive Properties | Value | Comments |
|------------------------|-------|----------------|
| Enthalpy of Melting | 200 | ISO 11357-1/-3 |
| Film Extrusion | Yes | |
| Other Extrusion | Yes | |

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