

ExxonMobil ESCOREZ™ 1401 (Europe) Petroleum Hydrocarbon Resin

Category : Other Engineering Material , Additive/Filler for Polymer , Polymer , Adhesive

Material Notes:

ESCOREZ™ 1401 is a modified aliphatic hydrocarbon resin with a narrow molecular weight distribution and a high softening point. It is a tackifying resin designed to provide high temperature performance and cohesive strength with a variety of adhesive polymers including EVA, metallocene polyolefins, APP, APAO, SIS block co-polymers, natural rubber, synthetic polyisoprene, polyisobutylene, and butyl rubber.

Availability: Africa & Middle East and Europe Information provided by ExxonMobil Chemical Form(s): Pellets Appearance: Yellow

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-ESCOREZ-1401-Europe-Petroleum-Hydrocarbon-Resin.php

| Physical Properties | Metric | English | Comments |
|---------------------|------------|------------|--------------|
| Molecular Weight | 1200 g/mol | 1200 g/mol | Mn; ETM E-83 |

| Thermal Properties | Metric | English | Comments |
|---------------------------|----------|----------|----------|
| Softening Point | 119.2 °C | 246.6 °F | ETM E-24 |
| Glass Transition Temp, Tg | 70.0 °C | 158 °F | ETM E-90 |

| Optical Properties | Metric | English | Comments |
|--------------------|--------|---------|---|
| Yellow Index | 30 % | 30 % | Initial, Toluene solution containing 50% resin (YI); ETM E-13 |

| Descriptive Properties | Value | Comments |
|-------------------------|--------|----------------------------|
| Thermal Color Stability | 117 YI | 5hr, 347F (175C), ETM E-15 |
| Wax Cloud Point | 77°C | (20/40/40) ETM E-10 |

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