

Unitika elitel UE3300 Polyester, Flake

Category : Polymer , Thermoplastic , Polyester, TP

Material Notes:

Low molecular weight type UE3210, High OH type, Branched & highly crosslinked UNITIKA elitel resins are thermoplastic saturated copolymeric polyester resins. Elitel resins are expanding their applications from products such as adhesives, paints, ink binders, and modifying agents to the products in new-generation high-tech fields. Characteristics: elitel products have superior adhesiveness and coatability. They exhibit excellent adhesiveness and coatability to films and molded products of plastic materials such as polyester, polyvinylchloride, polycarbonate, and cellulose acetate; steel materials such as steel plates; metal materials such as copper, and aluminum; woven or nonwoven fabrics from polyester and other fibers; papers, woods, and others. elitel products may be hardened by combined use of a hardening agent. Blending of an elitel resin with another elitel resin or a different resin provides alloys with more diversified resin properties. Additionally, elitel products are effective as a modifying resin for providing other resins with flexibility, coatability, toughness, and others. elitel resins form films excellent in flexibility, electrical properties, weather resistance, as well in appearance and transparency: elitel resins retain consistent quality with smaller change in quality over time They are also excellent hygienically. Information provided by Unitika Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Unitika-elite-UE3300-Polyester-Flake.php

| Physical Properties | Metric | English | Comments |
|------------------------------------|------------------------------|------------------------------|--------------------|
| Density | 1.26 g/cc | 0.0455 lb/in ³ | JIS K-6911 |
| Moisture Absorption at Equilibrium | 0.30 % | 0.30 % | 60%RH |
| Viscosity | 15 cP @Temperature 200 °C | 15 cP @Temperature 392 °F | Melt |
| Viscosity Measurement | 0.37 | 0.37 | Limiting Viscosity |
| Molecular Weight | 5000 g/mol | 5000 g/mol | |

| Mechanical Properties | Metric | English | Comments |
|-----------------------|--------|---------|----------|
| Hardness, Shore D | 70 | 70 | |

| Thermal Properties | Metric | English | Comments |
|---------------------------|---------|---------|------------|
| Softening Point | 80.0 °C | 176 °F | JIS K-2531 |
| Glass Transition Temp, Tg | 45.0 °C | 113 °F | |

| Chemical Properties | Metric | English | Comments |
|---------------------|--------|---------|-----------|
| Acid Value | 1.0 | 1.0 | [mgKOH/g] |

| Descriptive Properties | Value | Comments |
|------------------------|----------------------|----------|
| Appearance | Pale yellowish green | |
| Hydroxyl Value | 18 mgKOH/g | |

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China