

SK Chemicals SKYTHANE® UB410 Powder Coating

Category : Polymer , Thermoplastic , Elastomer, TPE , Polyurethane, TP

Material Notes:

Description: SK Chemicals has supplied Thermoplastic Polyurethane Elastomer (TPU) under the name of SKYTHANE. UB series are used for adhesives and coating applications such as binder for magnetic tapes and inks, adhesives for shoe industries and PVC lamination, etc. UB series have good solubility to various kinds of industrial solvents and cover a wide range of solution viscosity. These special hotmelt grades can be co-extruded as an adhesive for fire hoses and converted into thin film or powder. Films are used for lamination of textiles, non-woven, plastic sheets, etc. They show good flexibility over a wide range of application temperatures. Powders are used for interlining of fiber substrates. No solvent emission occurs with these grades because they are used through hotmelt process. Information provided by SK Chemicals.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SK-Chemicals-SKYTHANE-UB410-Powder-Coating.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	70	70	ASTM D2240
Tensile Strength, Ultimate	24.5 MPa	3560 psi	ASTM D412
Elongation at Break	800 %	800 %	ASTM D412
100% Modulus	0.00196 GPa	0.284 ksi	ASTM D412
300% Modulus	0.00392 GPa	0.569 ksi	ASTM D412
Tear Strength	49.0 kN/m	280 pli	ASTM D624

Thermal Properties	Metric	English	Comments
Vicat Softening Point	87.0 - 95.0 Å°C	189 - 203 Å°F	Kofler Heating Stage
Glass Transition Temp, Tg	-25.0 Å°C	-13.0 Å°F	ASTM D4065

Descriptive Properties	Value	Comments
Appearance	Translucent Granule	

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