

Lubrizol Advanced Materials Disperbond® D31S Thermoplastic Polyurethane (discontinued **)

Category : Polymer , Thermoplastic , Polyurethane, TP

Material Notes:

Disperbond® originates from a new Merquinsa proprietary technology that produces linear, aromatic thermoplastic polyurethanes in pellet form. These TPUs can be dissolved in acetone. In a further stage, and through an emulsification process, an aromatic, aqueous TPU dispersion can be obtained. The aqueous TPU dispersions are especially developed for use as raw material in the manufacture of adhesives. These aqueous TPU dispersions based on Disperbond® are found in the production of adhesives used in the automotive industry - automotive interior parts like dashboards and door panels; in the furniture industry (e.g. lamination of MDF/plastics); and in the footwear industry, such as in sole bonding.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lubrizol-Advanced-Materials-Disperbond-D31S-Thermoplastic-Polyurethane-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.19 g/cc	1.19 g/cc	DIN 53.479
Viscosity	500 - 1500 cP @Temperature 20.0 °C	500 - 1500 cP @Temperature 68.0 °F	15% solution in MEK; MQSA 40 A

Descriptive Properties	Value	Comments
Crystallization Rate	Extremely High	MQSA 12 B
Hydroxyl Content	0.1 percent	MQSA 47
OH Value	< 7 mg/KOH/g	MQSA 41 B

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