



Technical Datasheet

Compound: VPLT60

Version: 4
Date of Last Alteration: 14/06/19

Overview:

A high tear strength compound with excellent mechanical properties. This material has good heat stability inside a wide temperature range. This is a platinum cure system material, which eradicates the use of peroxide catalyst during processing making the material non- blooming. This compound has high clarity in its natural translucent state and is easily pigmented.

Features:

- FDA compliant to 21 CFR 177.2600
- BfR compliance chapter XV
- USP Class VI certified

Property	Inspection Method	Value
Temperature Range		-50°C to + 180°C (working) Up to 200°C (intermittent)
Appearance		Transparent
Density at 23°C	ISO 1183-1 A	Approx. 1.16 g/cm ³
Hardness Shore A	DIN 53505	57
Tensile Strength	DIN 53504 S1 / ISO 37	9.90 N/mm ²
Elongation at Break	DIN 53504 S 1	650%
Tear Strength	ASTM D 624 B	40 N/mm
Rebound Resilience	DIN 53512	53%

*These figures are intended as a guide and should not be used in preparing specifications.

**Size tolerance to ISO 3302-1: 2014

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