

# Devcon Edge & Seal T-35

Polyurethane

Devcon

Message:

Tough, rubber-like urethane compound for making a broad range of repairs, and for tooling and molding applications.

Intended Use:

Repair and rebuild conveyor belts; seal electrical cables; seal woven fabric belting from wear and abrasion; fill expansion/control joints; pot and encapsulate parts.

Product Features:

Excellent humidity resistance

High tensile and tear strength

Easy-to-use 400 ml cartridge

Fast-curing; self-leveling

Oil-resistant

General Information			
Features	Moisture proof		
	High tensile strength		
	Fast curing		
	Good tear strength		
	Oil resistance		
	Good toughness		
Uses	Mold Making		
	Mould		
	Fill application		
	Repair Materials		
Appearance	Black		
Processing Method	Enclosure		
	potting		
Physical	Nominal Value	Unit	Test Method
Specific Volume	0.957	cm <sup>3</sup> /g	
Solid content-by Volume	100	%	
Abrasion Loss	250	mg/1000 cycles	
Maximum Operating Temperature			
Dry	82	°C	
Wet	49	°C	
Molding Shrinkage - Flow	0.14	%	ASTM D2566
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	94		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method

Tensile Strength	22.8	MPa	ASTM D412
Tensile Elongation (Break)	450	%	ASTM D412
Tear Strength	75.3	kN/m	ASTM D624
Electrical	Nominal Value	Unit	Test Method
Dielectric Strength	14	kV/mm	ASTM D149
Thermoset	Nominal Value	Unit	
Thermoset Components			
Resin	Mixing ratio by weight: 80		
Hardening method	Mixing ratio by weight: 20		
Pot Life (24°C)	3.0	min	
Thermoset Mix Viscosity	5000	cP	
Additional Information			
Cured 7 days @ 75°F			
Uncured Properties	Nominal Value	Unit	
Curing Time	1.5	hr	

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