



RAVASAFE

Technical Data Sheet

Ravasafe ZH TPU3

Description: Ravasafe ZH TPU-3 is a flame retardant polyether based thermoplastic polyurethane compound with outstanding hydrolysis resistance, low temperature flexibility and high resistance to micro-organisms designed for general purpose insulation & sheathing application.

Ravasafe ZH TPU-3 combines excellent flame retardancy, good processing and good mechanical properties.

Typical Properties

PROPERTIES	TEST METHOD	UNITS	VALUES
Hardness	ISO 868	Shore A	90
Density	ISO 1183-1 A	g/cm ³	1,18
Tensile strength	IEC 60811-501	MPa	>30
Elongation at break	IEC 60811-501	%	>500
Tear strength	ISO 34-1 B/b	N/mm	>90
Flammability	UL94	-	V0 (1,6mm)

Properties have been tested on extrusion tape conditioned 16 hours at room temperature before testing.

Before processing, the pellets have to be dried at 90-110 °C for 2-4 hours. Maximum moisture content should be below 0.02%.

Application Guideline (Extrusion)

Nozzle (°C)	Zone 3 (°C)	Zone 2 (°C)	Zone 1 (°C)
170-190	175-195	175-195	170-190



Supplier: RAVAGO PETROKİMYA SATIŞ VE