

BOGITPU™ 80

THERMOPLASTIC POLYURETHANE

PRODUCT IDENTIFICATION

Chemical Name: Thermoplastic Polyurethane Elastomer
Physical Form: Powder
CAS Number: 9009-54-5

BOGITPU™ 80 is a versatile thermoplastic polyurethane elastomer combining strong mechanical performance, abrasion resistance and processing flexibility.

SPECIFICATION

Properties	Test Methods	Units	Values
Melt Flow Index (200°C / 10 kg)	EN ISO 1133-1	g/10 min	13.8
Specific Gravity	EN ISO 1183-1	g/cm³	1.11
Moisture Content	EN ISO 15512	%	0.14
Melting Point	-	°C	165
Hardness (23 ± 2°C)	EN ISO 868	Shore A	81
Abrasion Resistance	ISO 4649	mm³	50
Moulding Shrinkage (23 ± 2°C, Parallel)	EN ISO 294-4	%	0.62
Flammability Classification	UL 94	Class	HB

APPLICATIONS

- Footwear
- Wire and cable
- Film and sheet
- Adhesives
- Compounding

PACKAGING & STORAGE

- **Packaging:** 1 pallet: 1,000 kg in octabin.
- BOGITPU™ 80 should be stored away from direct sunlight and heat (T < 30°C). The product should be used within 6 months of its production date.

IMPORTANT NOTICE

Please read the Material Safety Data Sheet (MSDS) carefully before using this product.