



ENGAGE 7467

Polyolefin Elastomer

ENGAGE™ 7467 Ethylene Butene Copolymer is a high performance copolymer that offers superior impact properties for more demanding TPO applications

Main Characteristics

- Pellet form
- Superior impact performance
- Very low density
- Talc dusted (Untreated, 1 µ m)

Applications

- Polymer modification

Complies with

- U.S. FDA FCN 368
- Europe EU-Directive 2002/72/EC (See NOTES)

Consult Regulations for details

Properties^{(1) (3)}

Typical Physical	Test Method	Value
Melt Index, 190°C/2.16 kg, dg/min	ASTM D 1238	1.2
Density, g/cm ³	ASTM D 792	0.862
Mooney Viscosity, ML 1 + 4 @ 121°C	ASTM D 1646	19
Typical Molded ⁽²⁾		
Ultimate Tensile Strength, MPa	ASTM D 638 ⁽⁴⁾	2.0
Ultimate Tensile Elongation, %	ASTM D 638 ⁽⁴⁾	600
100% Modulus	ASTM D 638 ⁽⁴⁾	1.4
Hardness	ASTM D 2240	
Shore A (1 Sec)		52
Shore D (1 Sec)		12
Flexural Modulus, MPa	ASTM D 790	
1% Secant		4.1
2% Secant		4.0
Tear Strength, Type C, kN/m	ASTM D 624	21.6
Typical Thermal		
DSC Melting Point, 10°C/min rate, °C	Dow Method	34
Glass Transition Temperature, °C	Dow Method	-58
Tc Peak, °C	Dow Method	13

(1) These are typical properties only and are not to be regarded as sales specifications.

(2) Properties measured on product without talc dusting

(3) Compression molded

(4) 508 mm/min

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