

STARLEX E/8025-86 naturale

Thermoplastic Polyurethane Elastomer (Polyether)

Daloga srl

Message:

STARLEX E/8025-86 naturale is a Thermoplastic Polyurethane Elastomer (Polyether) (TPU-Polyether) material. It is available in Europe for extrusion. Primary attribute of STARLEX E/8025-86 naturale: Flame Rated.

General Information			
Appearance	Natural Color		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	1.09 to 1.13	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (200°C/8.7 kg)	45 to 70	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A, 30 sec)	84 to 88		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	38.7 to 47.3	MPa	ISO 527-2
Tensile Strain (Break)	580 to 700	%	ISO 527-2
Abrasion Resistance	33.3 to 36.8	mm ³	DIN 53516
Service Temperature	80	°C	ISO 1183
Thermal Stability	> 80		ISO R 182
Resistance Against Saponification	< 200	mg KOH/g	HD 22.10 S1
Elastomers	Nominal Value	Unit	Test Method
Tear Strength	61.8 to 68.3	kN/m	DIN 53515
Thermal	Nominal Value	Unit	Test Method
Ductile / Brittle Transition Temperature	-24.0 to -20.0	°C	ISO 458
Flammability	Nominal Value	Unit	Test Method
Flame Rating	V-2		UL 94
Oxygen Index	24 to 27	%	ISO 4589-2

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Recommended distributors for this material

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