

Neoflex™ 8085

Thermoplastic Elastomer

Zylog Plastalloys Pvt. Ltd.

Message:

Neoflex 8085 is a soft, Thermoplastic Elastomer intended for Injection, Blow Moulding & Extrusion applications.

General Information	
Features	Soft
Uses	Blow molding applications
Processing Method	Blow molding
	Extrusion
	Injection molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity ¹	0.970	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 5 sec, 23°C)	85		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress ² (100% Strain)	6.67	MPa	ASTM D412
Tensile Strength ³ (Break)	9.61	MPa	ASTM D412
Tensile Elongation ⁴ (Break)	650	%	ASTM D412
Tear Strength ⁵	53.0	kN/m	ASTM D624
Compression Set (70°C, 22 hr)	65	%	ASTM D395B

NOTE	
1.	23°C
2.	C mold, 500 mm/min
3.	C mold, 500 mm/min
4.	C mold, 500 mm/min
5.	C mold, 500 mm/min

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