

Neoflex™ 8140

Thermoplastic Elastomer

Zylog Plastalloys Pvt. Ltd.

Message:

Neoflex 8140 is a soft, Thermoplastic Elastomer intended for Injection, Blow Moulding and 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	1.00	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 5 sec, 23°C)	40		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress ² (100% Strain)	12.3	MPa	ASTM D412
Tensile Strength ³ (Break)	17.2	MPa	ASTM D412
Tensile Elongation ⁴ (Break)	650	%	ASTM D412
Tear Strength ⁵	93.2	kN/m	ASTM D624
Compression Set (70°C, 22 hr)	70	%	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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