

performanceplastics

Elatollan 1164D - Polyether Type

PROPERTIES

Physical

	Standard	Unit	1164D
Specific Gravity	ASTM D-792	g/cm ³	1.18
Hardness	ASTM D-2240	Shore D	64D

Mechanical Properties

Tensile Strength	ASTM D-412	MPa	41
Tensile Stress	ASTM D-412	@100% Elong MPa	25
Tensile Stress	ASTM D-412	@300% Elong MPa	33
Elongation at Break	ASTM D-412	%	425
Tensile Set at Break	ASTM D-412	%	90
Compression Set 22hrs @ 23°C	ASTM D-395 (B)	%	40
Compression Set 22hrs @ 70°C	ASTM D-395 (B)	%	50
Tear Strength	ASTM D-624, Die C	N/mm	220
Taber Abrasion Resistance / mg loss 1000gr./H-18	ASTM D-1044	mg	55

Thermal Properties

Vicat Softening Point	ASTM D-1525	°C	128
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Processing Conditions Inj. Moulding

210 - 240°C

The values quoted are the average of results obtained under laboratory conditions and are given only as an indication to enable customers to make use of our products.

Prospective users should determine the suitability of materials before adopting them on a commercial scale.

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