

DEVLUBE

Physical Property	ASTM Test Method	Units	Value
Tensile strength 23°C	D638	MPa	70
		psi	10153
Tensile strength -40°C	D638	MPa	~
		psi	~
Elongation at 23°C	D638	%	4.1
Elongation at break	D638	%	~
Hardness		Shore D	80/84
	D785	Rockwell R	112/118
Flexural strength	D790	MPa	90
		psi	13053
Deformation under load 140Kgf/cm ² at 23°C for 24 hours	D621	%	~
Charpy impact strength at 23°C	D256	J/M	~
		ftlbs/inch	~
Charpy impact strength at -40°C	D256	J/M	15
		ftlbs/inch	3.372
Modulus of elasticity	D638	MPa	2800
		psi	406105
Compressive strength	D695	MPa	122.69
		psi	17794.68
Compressive yield strength	D695	MPa	~
		psi	~
Linear thermal expansion coefficient 30-100°C	E831	mm/mm/°C	0.75 x 10 ⁻⁴
Melt point	D3418	°C	220
Heat distortion temperature °C	D648	66 psi	210
Service temperature (short term)	D570	°C	~
Service temperature (long term)	D570	°C	~
Dielectric strength	D149	Kv/mm	20
Specific gravity	D792	g/cm ³	1.15
Water absorption 24 hrs	D570	%	1
Water absorption saturation	D570	%	~
Flammability	UL 94	Burn rate	V2

1. The test figures stated are typical values and their aim is to assist the specifier in material selection. They are not intended to represent exact specifications.
2. ~ denotes no data available at the time of publication. Please contact Devol for further information.
3. The information in this bulletin is to our best knowledge true and accurate but all instructions, recommendations or suggestions are made without guarantee. Since the conditions of use are beyond their control, Devol Engineering and its subsidiaries disclaim any liability for loss or damage suffered from use of these data or suggestions. Furthermore no liability is accepted if use of any product in accordance with these data or suggestions infringes any patent.