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Technical Data for M-DLON –Y/B (DEVLON®)

Properties	Standard	Unit	Specification
Colour	-	-	Yellow/Black
Specific gravity	D792	g/cm ³	1.14 - 1.15
Rockwell Hardness	D785	R	110 – 115
Tensile strength at 23 ⁰ C	D638	MPa	70 – 75
Tensile strength at -40 ⁰ C	D638	MPa	100 – 105
Elongation at 23 ⁰ C	D638	%	15 – 20
Flexural strength	D790	MPa	110 – 120
Deformation under load 140 Kgf/cm ² at 23 ⁰ c for 24 hrs.	D621	%	1 –2
Charpy impact strength at 23 ⁰ C	D256	J/M	No break
Charpy impact strength at -40 ⁰ C	D256	J/M	15 – 20
Modulus of elasticity	D638	MPa	2100 - 2400
Compressive strength	D695	MPa	130 - 140
Water absorption saturation	D570	%	3
Melting point	D3418	°C	215 – 220
Heat distortion temp. °C	D648	264 psi	93.5
Service temp. (short term)	D570	°C	190
Service temp. (long term)	D570	°C	125
Dielectric strength	D149	kV/mm	> 15
Flammability	UL94	Burn Rate	V2

* Note: The following readings have been given without any kind of responsibility taken, expected or implied.

** Note: Devlon® is a trademark of Devol Engineering Limited