

TECHNICAL DATA SHEET

ANULON 178



Material Characteristics

- High ratio of strength to density
- Exceptional corrosion resistance
- Convenient electrical, magnetic and thermal properties

Property	Unit	Test Method	Value
PHYSICAL			
Specific Gravity			1.7
Water Absorption			
Thickness in mm (above upto and including)			
-	1.00		0.50
1	1.50		0.40
1.5	3.00		0.30
3	5		0.30
5	10		0.20
MECHANICAL			
Tensile Strength Min (N/mm square)			200
Cross Breaking Strength (N/mm square)			
(for thickness between 5-12)			300
(for thickness more than 12)			350
ELECTRICAL			
Electrical strength, min			
i) (proof voltage at 90°C in oil conforming to IS:335-1972)			
a) Flatwise upto 5mm thickness			10 kv/mm
b) more than 5mm			8 kv/mm
THERMAL			
Heat distortion temp, min			150°C

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