

TECHNICAL DATA SHEET

ANULON 114



Material Characteristics

- High Strength
- Low co-efficient of friction
- Great wear resistance
- Easy machinability
- Self lubricating

Property	Unit	Test Method	Value
Specific Gravity	g/cm ²	ASTM D792	1.14-1.15
Tensile strength at yield (Dry)	Kgf/cm ²	ASTM D638	717.0
Tensile strength at yield (Moist)	Kgf/cm ²	ASTM D638	560.0
Elongation at break (Dry)	%	ASTM D638	33-40
Elongation at break (Moist)	%	ASTM D638	26.0
Modulus of Elasticity (Dry)	Kgf/cm ²	ASTM D638	15503.0
Modulus of Elasticity (Moist)	Kgf/cm ²	ASTM D638	15212.0
Compressive strength at yield	Kgf/cm ²	ASTM D695	1237.0
Impact strength (Izod)	KJ/m ²	ASTM D256	5.4
Hardness	Shore D	ASTM D2240	70-80
Melting Point	°C	ASTM D3418	210-220
Maximum Service temperature	°C		90-130

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