

TECHNICAL DATA SHEET

ANULON 115 (PA-6)



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	1.15
Tensile strength	Kgf/cm ²	ASTM D638	850
Elongation at break	%	ASTM D638	10-60
Compressive strength at 10% deformation	Kgf/cm ²	ASTM D695	850
Modulus of Elasticity (Dry)	Kgf/cm ²	ASTM D638	22000-28000
Flexural Strength	Kgf/cm ²	ASTM D790	650-850
Compressive strength at yield	Kgf/cm ²	ASTM D695	1237.0
Impact strength(notch) at 23°C	Kgf/cm ²	ASTM D256	4.3-5.1
Hardness Rockwell	Scale R	ASTM D785	110
Melting Point	°C	ASTM D3702	220
Flammability			Self Extinguishing

PLASTIC ABHIYANTA

PLASTIC ENGINEERS & CONSULTANTS

AN ISO 9001:2015 CERTIFIED COMPANY

25A, CHANDNI CHOWK STREET, 1st FLOOR,
KOLKATA-700072, INDIA

✉ anulon@plasticabhiyanta.com

☎ +91 8240692783

www.anulon.com

All the given information is given above in good faith but without any guarantee