

Material Reference AR019

White Natural Nylon 6,

Issue: September 2013 (to Rubber on Line)

Material Reference- 019
Colour- White

Properties	Test Method or Conditions	Value	Unit
Density	ISO 1183(DIN53479)	1.14	g/cm ³
Water Absorption	in air 50% r.h.	2.8	%
Absorption	23°C in water-saturate	9.0	%
Properties (Mechanical)	Test Method	Value	Unit
Tensile Stress at yield at break	ISO,527 (DIN53455)	54 (80)	N/mm ²
Elongation at break	ISO,527 (DIN53455)	180 (60)	%
Tensile Modulus of elasticity	ISO,527 (DIN53455)	1700 (3000)	N/mm ²
Compression Test, 1% strain 1000h	ISO,899 (DIN53444)	6 (18)	N/mm ²
Properties (Thermal)	Test Method or Conditions	Value	Unit
Thermal Conductivity	DIN52612	0.25	W/(km)
Deformation at temp .HTD	ISO 75(DIN53461)	174	C°

Other information

Sheet width: - 1000mm wide max
Sheet thickness: – 1mm, 1.5mm & 2mm thick
Surface: - Plate

Data has been copied from manufactures/distributors data test sheet and is intended to be used for guidance and come without warranty or guarantee.

As individual operating conditions influence the application of each product, the information supplied in this datasheet can only be seen as a rough guideline

It is the responsibility of you, the customer to assess the suitability of product supplied for the purpose for which they are to be used.

Datasheet is an edited version, original suppliers data sheet can be supplied by request.

Datasheet is subject to alteration without prior notice. This Data Sheet supersedes all previous data sheets, Rubberonline Terms and conditions apply

(Source ref: Plastim)