

TECHNICAL DATA SHEET

alphagary

EVOPRENE G 968

TECHNICAL PROPERTIES

Primary Properties	Unit	Temperature	Nominal Value	Test Method
Hardness Shore A	Deg	23 °C	49	ISO 868
Specific Gravity	g/cm ³	23 °C	0.90	ISO 2781
Flow Rating	kg/cm ²	180 °C	15	AG Internal Test
Tensile Strength	MPa	23 °C	6.2	ISO 37
Elongation at Break	%	23 °C	550	ISO 37
Modulus at 100% elongation	MPa	23 °C	2.8	ISO 37
Modulus at 300% elongation	MPa	23 °C	3.0	ISO 37
Tear Strength	kN/m	23 °C	31	ISO 6383
Abrasion Resistance	Cu.mm loss	23 °C	175	ISO 53516

Compression Set	Unit	Temperature	Nominal Value	Test Method
72 hours	%	23 °C	20	ISO 815
22 hours	%	70 °C	33	ISO 815
22 hours	%	100 °C	52	ISO 815

Air-Oven Ageing 14 days @ 125 °C	Unit	Temperature	Nominal Value	Test Method
Hardness Change	Deg		+4	ISO 188
Retained Tensile Strength	%		116	ISO 188
Retained Elongation at Break	%		91	ISO 188

Note: the above tests are carried out on injection moulded test pieces

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