

# TECHNICAL DATA SHEET

## EVOPRENE G 961

### TECHNICAL PROPERTIES

Primary Properties	Unit	Temperature	Nominal Value	Test Method
Hardness Shore A	Deg	23 °C	33	ISO 868
Specific Gravity	g/cm <sup>3</sup>	23 °C	1.20	ISO 2781
Flow Rating	kg/cm <sup>2</sup>	180 °C	7	AG Internal Test
Tensile Strength	MPa	23 °C	5.3	ISO 37
Elongation at Break	%	23 °C	815	ISO 37
Modulus at 100% elongation	MPa	23 °C	1.1	ISO 37
Modulus at 300% elongation	MPa	23 °C	2.0	ISO 37
Tear Strength	kN/m	23 °C	17	ISO 6383
Abrasion Resistance	Cu.mm loss	23 °C	690	ISO 53516

  

Compression Set	Unit	Temperature	Nominal Value	Test Method
72 hours	%	23 °C	16	ISO 815
22 hours	%	70 °C	31	ISO 815
22 hours	%	100 °C	72	ISO 815

  

Air-Oven Ageing 14 days @ 125 °C	Unit	Temperature	Nominal Value	Test Method
Hardness Change	Deg		+4	ISO 188
Retained Tensile Strength	%		188	ISO 188
Retained Elongation at Break	%		165	ISO 188

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

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