

Material Properties	Test Method	Units	Specification Limits	Typical Value
<b>Hardness</b>	ASTM D2240 DIN 53505	Shore A	60 (±5)	62
<b>Tensile Strength</b>	BSISO 37 DIN 53505 die S1	MPa	5.5 min	10.5
	ASTM D412 Die C	psi	795 min	1523
<b>Elongation Break</b>	BSISO 37 ASTM D412 die C DIN 53504 die S1	%	250 min	360
<b>Tear Strength</b>	BS ISO 34-1 method C	N/mm	10.0 min	14.7
	ASTM D624 die B	lb/in	57.0 min	83.9
<b>Compression Set</b>				
24 hrs at 150°C	BS 903 PT A6 TYPE B DIN 53517 type 2	%	30 max	17
22 hrs at 300°F	ASTM D395 method B type 2	%	30 max	15
<b>Thermal Conductivity</b>	VDE 0304		0.24 W.m-1 .K-1	
<b>Temperature range</b>	-60°C to +230°C (continuous) +250°C (intermittent)			