

APPREN® IC 116: General Purpose EPR Insulation

No.	Testitem	Result	Teststandard
1	Operating temperature	-35°C + 60°C	
2	Mooney viscosity, ML(1+4)@100°C	50±5 N·M	GB/T1232.1
3	T90 (185°C, 6 min)	2'30"-3'00"	GB/T16584
4	Shore hardness (Shore A) @ 23°C	80±3	GB/T531-1999
5	Density	1.50±0.03g/cm ³	GB/T 1033
6	Before ageing		
6.1	Elongation at break (250±50mm/min)	250%- 350%	GB/T 528
6.2	Tensile strength	≥6N/mm ²	GB/T 528
7	After ageing 100±2°C /168h		
7.1	Tensile strength.variation	90±5%	GB/T 2951.12
7.2	Elongation at break.variation	90±5%	GB/T 2951.12
8	Rv(23°C)	≥1X10 ¹⁵ Ω.cm	GB/T 1410