

Compound TR2965

SEBS

Typical Properties at 23°C	Standard	Unit	Value
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General Properties

Polymer abbreviation	SEBS compound		
Hardness	ISO 868	Shore A	58
Density	ISO 2781	kg/dm ³	1,10
Melting point	DSC *1)	°C	155
Colour	Black		

Rheological Properties

Melt Flow Index	SO 1133	g/10min	1,3
Temperature	SO 1133	°C	230
Weight	SO 1133	kg	5.0

Mechanical Properties

			*2) ↓	*3) ↔
Tensile strength	ISO 37	MPa	8.4	9.7
Elongation at break	ISO 37	%	500	625
Tensile modulus at 100 % elongation	ISO 37	MPa	3.7	3.0
Tensile modulus at 200 % elongation	ISO 37	MPa	5.1	4.4
Tensile modulus at 300 % elongation	ISO 37	MPa	6.3	5.7
Tear strength	ISO 37	N/mm	36	32

Other properties

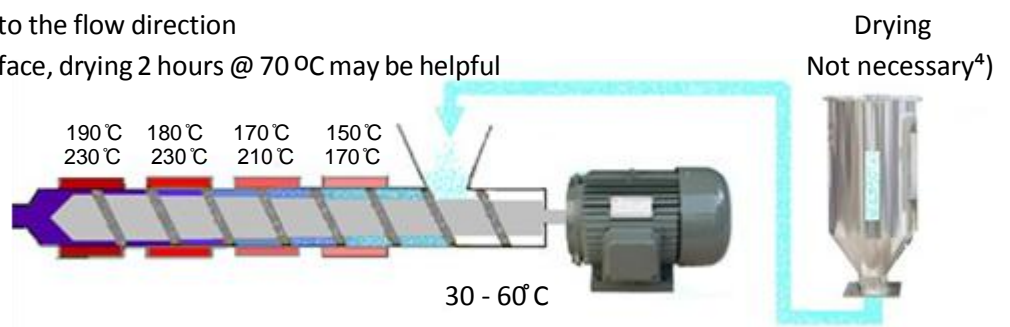
Flammability rating	UL-94		HB
Compression Set 22hr/70°C	ISO 815	%	11
Compression Set 24hr/100°C	ISO 815	%	37

*1) Measured with a differential scanning calorimeter

*2) Measured in flow direction

*3) Measured perpendicular to the flow direction

*4) If blisters occur on the surface, drying 2 hours @ 70 °C may be helpful



Application: High performance grade for profiles, tubing

TR2965 is a black SEBS Compound with a hardness of 58 Shore A. This material is well suitable for many demanding applications, even at higher temperatures. It is UV protected and is suitable for long duration outdoor use.