

# Compound TR6465

## SEBS

Typical Properties at 23°C	Standard	Unit	Value
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### General Properties

Polymer abbreviation	SEBS compound		
Hardness	ISO 868	Shore A	55
Density	ISO 2781	kg/dm <sup>3</sup>	1.09
Melting point	DSC *1)	°C	155
Colour	White		

### Rheological Properties

Melt Flow Index	SO 1133	g/10min	3.0
Temperature	SO 1133	°C	230
Weight	SO 1133	kg	5.0

### Mechanical Properties

			*2) ↓	*3) ↔
Tensile strength	ISO 37	MPa	6.8	7.8
Elongation at break	ISO 37	%	565	565
Tensile modulus at 100 % elongation	ISO 37	MPa	2.3	1.7
Tensile modulus at 200 % elongation	ISO 37	MPa	3.2	2.7
Tensile modulus at 300 % elongation	ISO 37	MPa	4.5	4.0
Tear strength	ISO 37	N/mm	28	29

### Other properties

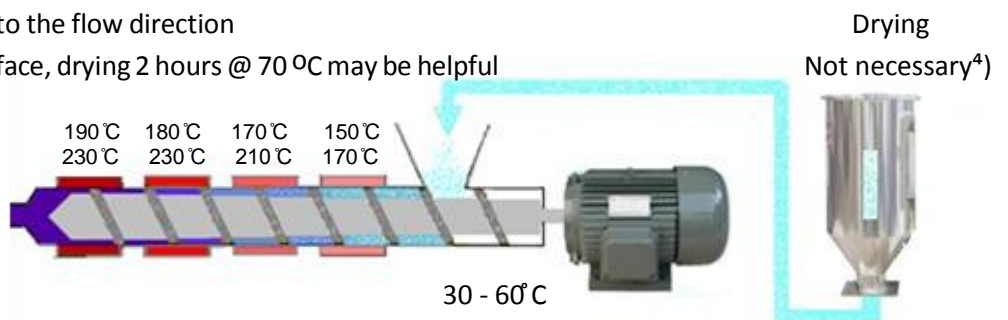
Flammability rating	UL-94		HB
Compression Set 22hr/70°C	ISO 815	%	35
Compression Set 24hr/100°C	ISO 815	%	50

\*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

TR6465 is a white SEBS Compound with a hardness of 55 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.