

DatasheetCawitonPR9174L

Application: Extrusion grade SEBS compound

Cawiton PR 9174L is an extrusion grade SEBS compound with a hardness of 10 Shore A. This material is suitable for injection moulding and profile extrusion.

Typical Properties at 23°C	Standard	Unit	Value	
General Properties				
Polymer abbreviation			SEBS compound	
Hardness	ISO 868	Shore A	10	
Density	ISO 2781	kg/dm ³	1.14	
Colour			Black	
Melting point	DSC *1)	°C	150	
Rheological Properties				
Melt Flow Index	ISO 1133	g/10min	>40	
Temperature	ISO 1133	°C	190	
Weight	ISO 1133	kg	2.16	
Mechanical Properties				
			*2) ↓	*3) ⇔
Tensile strength	ISO 37	MPa	1.2	2.2
Elongation at break	ISO 37	%	760	830
Tensile modulus at 100 % elongation	ISO 37	MPa	0.6	0.4
Tensile modulus at 200 % elongation	ISO 37	MPa	0.7	0.6
Tensile modulus at 300 % elongation	ISO 37	MPa	0.9	0.8
Tear strength	ISO 34-2	N/mm	13	12
Other properties				
Compression Set 22hr/70°C	ISO 815	%	28	

*1 Measured with a differential scanning calorimeter

*2) Measured in flow direction

*3) Measured perpendicular to the flow direction

Drying
Not necessary

