

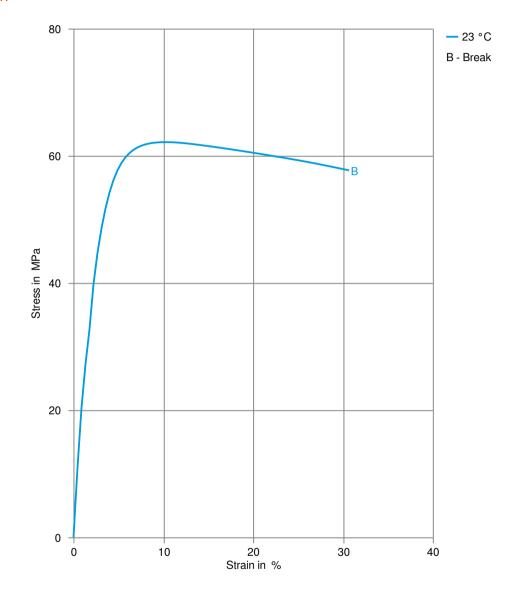
**Rheological properties** 

UV resistance with UV carbon black, medium viscosity grade, good for weather resistance purpose - UV resistance with UV carbon black, medium viscosity grade, good for weather resistance purpose

r mediogical properties			
Moulding shrinkage, parallel	2.0	%	ISO 294-4, 2577
Typical mechanical properties			
Tensile Modulus	2500	MPa	ISO 527-1/-2
Yield stress, 50mm/min	62	MPa	ISO 527-1/-2
Yield strain, 50mm/min	9	%	ISO 527-1/-2
Nominal strain at break	25	%	ISO 527-1/-2
Flexural Modulus	2650	MPa	ISO 178
Flexural Strength		MPa	ISO 178
Charpy notched impact strength, 23°C		kJ/m²	ISO 179/1eA
Poisson's ratio	0.411		
Thermal properties			
Melting temperature, 10°C/min	165	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.8 MPa	92	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	130	E-6/K	ISO 11359-1/-2
Electrical properties			
Volume resistivity	>1E16	Ohm.m	IEC 62631-3-1
Surface resistivity	>1E16		IEC 62631-3-2
Electric strength	19	kV/mm	IEC 60243-1
Other properties			
Humidity absorption, 2mm	0.2	%	Sim. to ISO 62
Density		kg/m <sup>3</sup>	ISO 1183
	-	5	

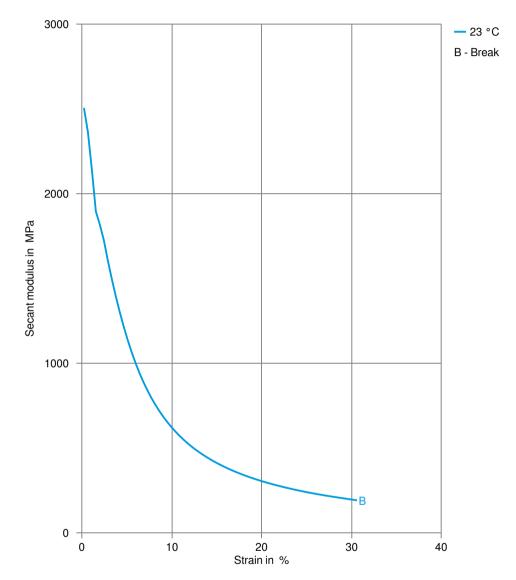


#### Stress-strain



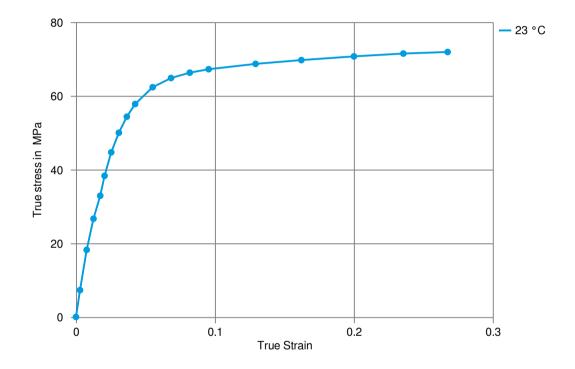


### Secant modulus-strain





### True stress-strain





#### **Other Approvals**

Other Approvals

OEM	Specification	Additional Information
GM	GMP.POM.018	Black

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