

Grilon BRZ 234/1 W

PA6

EMS-GRIVORY | a unit of EMS-CHEMIE AG

Mechanical properties	dry / cond	Unit	Test Standard
Tensile Modulus	800 / 380	MPa	ISO 527-1/-2
Stress at break	40 / 35	MPa	ISO 527-1/-2
Strain at break	>50 / >50	%	ISO 527-1/-2
Charpy impact strength (+23°C)	N / N	kJ/m ²	ISO 179/1eU
Charpy impact strength (-30°C)	N / N	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	N / N	kJ/m ²	ISO 179/1eA
Charpy notched impact strength (-30°C)	5 / 8	kJ/m ²	ISO 179/1eA

Thermal properties	dry / cond	Unit	Test Standard
Melting temperature (10°C/min)	215 / -	°C	ISO 11357-1/-3
Max. usage temperature (long term)	80 - 110	°C	ISO 2578
Max. usage temperature (short term)	150	°C	EMS

Other properties	dry / cond	Unit	Test Standard
Density	1120 / -	kg/m ³	ISO 1183

Characteristics

Processing

Other Extrusion

Product Attributes

Flexible

Delivery form

Granules

Automotive

Air intake systems, Cooling and climate control

Additives

Plasticizer

Electricals & Electronics

Cables & Tubes

Special Characteristics

High impact or impact modified

Industry & Consumer goods

Hydraulics & Pneumatics, Mechanical Engineering, Power transmission

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa