

Ultrad® B3GK24 LS bk.23296

PA6-(GF+GB)30

BASF

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	50	cm³/10min	ISO 1133
Temperature	275	°C	-
Load	5	kg	-

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	5850	MPa	ISO 527
Stress at Break	115	MPa	ISO 527
Strain at Break	5.6	%	ISO 527
Impact Strength (Charpy), +23°C	50	kJ/m²	ISO 179/1eU
Notched Impact Strength (Charpy), +23°C	4	kJ/m²	ISO 179/1eA
Flexural Modulus (23°C)	4500	MPa	ISO 178

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Melting Temperature (10°C/min)	220	°C	ISO 11357-1/-3

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	1350	kg/m³	ISO 1183
Bulk density	700	kg/m³	-

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	270 - 290	°C	-
Mold temperature	80 - 90	°C	-

Characteristics

Processing

Injection Molding

Features

Laser Markable

Delivery form

Pellets, Black

Applications

Automotive, Electrical and Electronical