

Durethan® BKV215H2.0 DUS035**PA*—I—GF15**

PROPERTIES	TYPICAL DATA	UNIT	TEST METHOD
RHEOLOGICAL PROPERTIES	DRY / COND		
Molding shrinkage (parallel)	0.5 / *	%	ISO 294-4
Molding shrinkage (normal)	0.8 / *	%	ISO 294-4
MECHANICAL PROPERTIES	DRY / COND		
Tensile modulus	4300 / 2100	MPa	ISO 527-1/-2
Stress at break	85 / 55	MPa	ISO 527-1/-2
Strain at break	4.5 / 15	%	ISO 527-1/-2
Charpy impact strength (+23°C)	70 / 110	kJ/m²	ISO 179/1eU
Charpy impact strength (-30°C)	80 / 80	kJ/m²	ISO 179/1eU
Charpy notched impact strength (+23°C)	20 / 35	kJ/m²	ISO 179/1eA
Charpy notched impact strength (-30°C)	10 / 10	kJ/m²	ISO 179/1eA
THERMAL PROPERTIES	DRY / COND		
Melting temperature (10°C/min)	214 / *	°C	ISO 11357-1/-3
Temp. of deflection under load (1.80 MPa)	175 / *	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	200 / *	°C	ISO 75-1/-2
OTHER PROPERTIES	DRY / COND		
Water absorption	7 / *	%	Sim. to ISO 62
Humidity absorption	2 / *	%	Sim. to ISO 62
Density	1170 / -	kg/m³	ISO 1183

