

ARDLON

BESZ2 PA6 BK

Density		G / CM ³	Dry	1.13
Tensile E-Modulus	(1mm/min)	MPA	Dry	2900
		MPA	Cond.	1,500.00
Tensile strength at yield	(50mm/min)	MPA	Dry	75
		MPA	Cond.	45
Elongation at yield	(50mm/min)	%	Dry	20
		%	Cond.	20
Tensile strength at break	(50mm/min)	MPA	Dry	70
		MPA	Cond.	45
Elongation at break	(50mm/min)	%	Dry	20
		%	Cond.	20
Impact strength	(Charpy, 23°C)	KJ/M ²	Dry	N.B.
		KJ/M ²	Cond.	N.B.
Impact strength	(Charpy, -30°C)	KJ/M ²	Dry	N.B.
		KJ/M ²	Cond.	N.B.
Notched impact strength	(Charpy, 23°C)	KJ/M ²	Dry	5
		KJ/M ²	Cond.	20
Notched impact strength	(Charpy, -30°C)	KJ/M ²	Dry	5
		KJ/M ²	Cond.	5
Ball indentation hardness		KJ/M ²	Dry	140
		KJ/M ²	Cond.	60
Thermal properties				
Melting point	(DSC)	°C	Dry	200
Heat deflection temperature HDT/A	(1.80 Mpa)	°C	Dry	55
Heat deflection temperature HDT/B	(8.00 Mpa)	°C	Dry	160