

ARDLON

BESZ4 PA6 HII-IMPACT MODIFIED

Density		G / CM ³	Dry	1.05
Tensile E-Modulus	(1mm/min)	MPA	Dry	1800
		MPA	Cond.	600
Tensile strength at yield	(50mm/min)	MPA	Dry	50
		MPA	Cond.	35
Elongation at yield	(50mm/min)	%	Dry	100
		%	Cond.	100
Tensile strength at break	(50mm/min)	MPA	Dry	50
		MPA	Cond.	35
Elongation at break	(50mm/min)	%	Dry	> 100
		%	Cond.	> 100
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	90
		KJ/M ²	Cond.	N.B.
Notched impact strength	(Charpy, -30°C)	KJ/M ²	Dry	20
		KJ/M ²	Cond.	20
Ball indentation hardness		KJ/M ²	Dry	95
		KJ/M ²	Cond.	50
Thermal properties				
Melting point	(DSC)	°C	Dry	200
Heat deflection temperature HDT/A	(1.80 Mpa)	°C	Dry	50
Heat deflection temperature HDT/B	(8.00 Mpa)	°C	Dry	130