

# ARDLON

## AESZ4 PA66 HII-IMPACT MODIFIED

Density		G / CM <sup>3</sup>	Dry	1.05
Tensile E-Modulus	(1mm/min)	MPA MPA	Dry Cond.	1900 800
Tensile strength at yield	(50mm/min)	MPA MPA	Dry Cond.	50 35
Elongation at yield	(50mm/min)	% %	Dry Cond.	>100 >100
Tensile strength at break	(50mm/min)	MPA MPA	Dry Cond.	50 35
Elongation at break	(50mm/min)	% %	Dry Cond.	>100 >100
Impact strength	(Charpy, 23°C)	KJ/M <sup>2</sup> KJ/M <sup>2</sup>	Dry Cond.	N.B. N.B.
Impact strength	(Charpy, -30°C)	KJ/M <sup>2</sup> KJ/M <sup>2</sup>	Dry Cond.	N.B. N.B.
Notched impact strength	(Charpy, 23°C)	KJ/M <sup>2</sup> KJ/M <sup>2</sup>	Dry Cond.	90 N.B.
Notched impact strength	(Charpy, -30°C)	KJ/M <sup>2</sup> KJ/M <sup>2</sup>	Dry Cond.	25 25
Ball indentation hardness		KJ/M <sup>2</sup> KJ/M <sup>2</sup>	Dry Cond.	95 40
Thermal properties				
Melting point	(DSC)	°C	Dry	260
Heat deflection temperature HDT/A	(1.80 Mpa)	°C	Dry	60
Heat deflection temperature HDT/B	(8.00 Mpa)	°C	Dry	170