

ARDLON

ARG6 BK PA66 GF30

Density		g/cm ³	Dry	1.35	
Tensile E-Modulus	1mm/min	Mpa	Dry	9,800	
		Mpa	Cond.	6,500	
Tensile Strength at yield	50mm/min	Mpa	Dry	145	
		Mpa	Cond.	125	
Elongation at yield	50mm/min	%	Dry	3	
		%	Cond.	5	
Tensile strength at break	50mm/min	Mpa	Dry	145	
		Mpa	Cond.	125	
Elongation at break	50mm/min	%	Dry	3	
		%	Cond.	7	
Impact strength	Charpy, 23 °C	Kj/m ²	Dry	75	
		Kj/m ²	Cond.	85	
Impact strength	Charpy, -30 °C	Kj/m ²	Dry	65	
		Kj/m ²	Cond.	65	
Notched impact strength	Charpy, 23 °C	Kj/m ²	Dry	13	
		Kj/m ²	Cond.	20	
Notched impact strength	Charpy, -30 °C	Kj/m ²	Dry	10	
		Kj/m ²	Cond.	10	
Ball indentation hardness		Mpa	Dry	210	
		Mpa	Cond.	120	
Thermal properties					
Melting point	DSC	°C	Dry	260	
Heat deflection temperature HDT/A		1.80Mpa	°C	Dry	220
Heat deflection temperature HDT/C		8.00Mpa	°C	Dry	155