

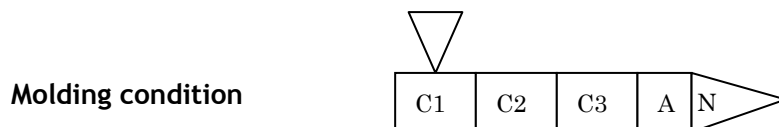
Technical Data Sheet

DAIAMID® A6699, VESTAMID LX9012

Date: May 2013

Property		Norm	unit	A6699	LX9012
Density	23C	ISO 1183	g/cm ³	1.01	1.01
Tensile test					
Tensile strength at yield	23C	ISO 527	MPa	32	37
Tensile elongation at yield	50%Rh		%	30	5
Tensile strength at break			MPa	53	46
Tensile elongation at break			%	300<	300<
E-Modulus (Tensile)	23C 50%Rh	ISO 527	MPa	700	1100
E-Modulus (Flexural)	23C 50%Rh	ISO 178	MPa	550	1000
CHARPY impact strength	23C	ISO 179/1eU	kJ/m ²	NB	NB
CHARPY - Notched impact strength	23C	ISO 179/1eA	kJ/m ²	100	13

The properties shown in this table are not a result of a statistical evaluation but were measured on one batch. Therefore the data must not be used as a basis for a specification.



C1 (C)	C2 (C)	C3 (C)	Adapter (C)	Nozzle (C)	Mold (C)
210-250	210-260	210-260	210-260	210-260	30-60

Drying condition

- Drying of the granules is necessary only if the original packaging has been damaged or been left open for a long time.
- In these cases, the resins should be dried long enough to reduce the water content to less than 0.1%.
- Recommendation of dry condition is 70C or 80C × 4hr