

Technical Data Sheet and molding condition

Daiamid[®] ZE7200, A6658, A6659, A6915

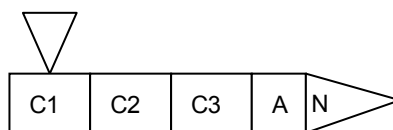
GF reinforced PA12 and PA12 elastomer (melt blend type)

Date: Apr 2014

Property	Norm	Unit	ZE7200	A6658	A6659	A6915
Density	ISO 1183	g/cm ³	1.11	1.19	1.28	1.39
Tensile test	ISO 527	MPa	63	-	-	-
MAX. strength at yield		%	12	-	-	-
MAX. elongation at yield		MPa	61	75	85	100
Tensile strength at break		%	16	>5	> 5	> 5
Tensile elongation at break						
Elastic modulus in tension	ISO 527	Mpa	2700	4300	6000	8500
Elastic modulus in flexural	ISO 178	Mpa	2100	2800	4200	5600
CHARPY – Notched impact strength	ISO 179/1eA	kJ/m ²	30	NB	NB	38
			12	17	15	25
Shore hardness D	ISO 868	D scale	72	75	78	-

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.

Molding condition



C1 (C)	C2 (C)	C3 (C)	Adapter (C)	Nozzle (C)	Mold (C)
200 - 250	230 - 260	230 - 260	230 - 260	230 - 250	60 - 80

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 80C × 4hr