

Technical Data Sheet and molding condition

Daiamid[®] ZE-7000, X4442, VESTAMID EX9200

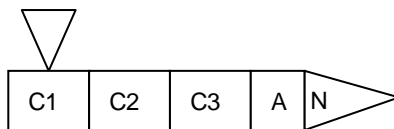
Hard PEBA

Date: Apr 2013

Property	Norm	unit	ZE7000	X4442	EX9200
Density	ISO 1183	g/cm ³	1.01	1.01	1.01
Tensile test	ISO 527	MPa	26	25	28
MAX. strength at yield	23 C	%	26	21	17
MAX. elongation at yield	50%Rh	MPa	40	47	52
Tensile strength at break		%	> 100	> 100	> 100
Tensile elongation at break					
Elastic modulus in tension	ISO 527	MPa	440	520	750
Elastic modulus in flexural	ISO 178	MPa	380	460	650
CHARPY – Notched impact strength	ISO 179/1eA	kJ/m ²	NB	NB	NB
	23 C		10	9	8
	- 30 C				

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

Molding condition



C1 (C)	C2 (C)	C3 (C)	Adapter (C)	Nozzle (C)	Mold (C)
180-230	210-240	220-240	220-250	210-250	50