

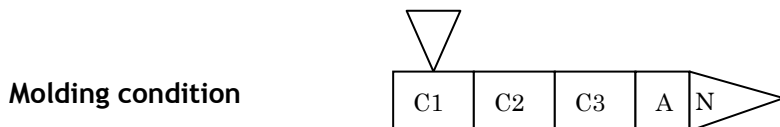
# Technical Data Sheet

DAIAMID® E73-K2 (Direct bonding with rubbers, TPUs)

Date: Mar 2013

Property	Norm	unit	value
Density	23C	ISO 1183	g/cm <sup>3</sup> <b>1.01</b>
Tensile test			
Tensile strength at yield	23C	ISO 527	MPa <b>36</b>
Tensile elongation at yield	50%Rh		% <b>19</b>
Tensile strength at break			MPa <b>53</b>
Tensile elongation at break			% <b>200&lt;</b>
E-Modulus (Tensile)	23C 50%Rh	ISO 527	MPa <b>930</b>
E-Modulus (Flexural)	23C 50%Rh	ISO 178	MPa <b>810</b>
CHARPY impact strength	23C	ISO 179/1eU	kJ/m <sup>2</sup> <b>NB</b>
CHARPY - Notched impact strength	23C	ISO 179/1eA	kJ/m <sup>2</sup> <b>11</b>
Shore D hardness	D	ISO 868	- <b>72 - 74</b>

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)
170 - 210	210 - 260	210 - 260	220 - 260	210 - 250	40 - 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 70C or 80C × 4hr