

## Somos<sup>®</sup> 8120

Information provided by DSM

### Applications

- Plactic bottles
- Packaging
- Automobile panels
- Electronic enclosures
- Medical products
- Snap-fit parts

### Features

- Wide range of temperature tolerance
- Wide range of humidity during and after build
- Flexible parts
- High impact strength



### Post-Cured Material

Measurement	Condition	Metric	U.S.
Tensile Strength	ASTM D 638M	26 MPa	3.8 KSI
Young's Modulus	ASTM D 638M	276 - 703 MPa	40 - 102 KSI
Elongation at Yield (%)	ASTM D 638M	27 %	27 %
Flexural Strength	ASTM D 790M	26 MPa	100 KSI
Flexural Modulus	ASTM D 790M	690 MPa	76 KSI
Impact Strength (Notched Izod)	ASTM D 256A	59 J/m	1.1 ft-lb/in
Heat Deflection Temperature	ASTM D 648-07	54°C	129°F
Hardness, Shore D	ASTM D 2240	76	76