MATERI'ACT
Materials acting for the planet

TECHNICAL DATA SHEET

IniFlex CE100z

IniFlex CE100z is a Thermoplastic Elastomer (TPE) designed for application with ductile low temperature requirement.
It is produced in natural, black or customer specific color.

IniFlex

Properties	Typical Value (SI)	Method
Physical Properties		
Melt Flow Rate, 230°C / 2.16kg	10 g/10min	ISO 1133
Density	0.89 g/cm^3	ISO 1183
Shrinkage	0.5 – 0.7 %	Internal
Mechanical Properties		
Hardness Shore D	45	ISO 868
Flexural Modulus, 23°C	450 MPa	ISO 178
Tensile strength at yield, 23°©	21 MPa	ISO 37
Elongation at Break, 23°C	> 100 %	ISO 37
Izod Impact Strength, 23°C i Notched	No Break	ISO 180
Multiaxial Impact, 23°C	100 % Ductile	ISO 6603-2
Multiaxial Impact, -40°C	100 % Ductile	ISO 6603-2

Process: injection molding.

Quality: production certified ISO 9001.

Typical properties: informative values, not to be construed as specifications.

Internet: www.materiact.com

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Version: 1 [05/03/2024]