

Product Texts

Compound based on biobased polyethylene, softening polymers and additives. The biobased carbon content (BCC) is > 40 % (calculated). Suitable for the replacement of PVC and TPO.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	8.2	MPa	ISO 37
Strain at break	470	%	ISO 37
Shore A hardness	84	-	ISO 7619-1

Other properties	Value	Unit	Test Standard
Biobased content	40	%	-

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	60	°C	-
Pre-drying - Time	2 - 4	h	-
Mold temperature	25 - 40	°C	-
Feed temperature	60	°C	-
Zone 1	160	°C	-
Zone 2	180	°C	-
Zone 3	190	°C	-
Nozzle temperature	200	°C	-

Characteristics**Processing**

Injection Molding

Applications

Toys

Certifications

Contains renewable resources

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa