

RamReduce PPC701U4GN138

PP-Z20

Polyram

Product Texts

RAMREDUCE PPC701U4GN138 is Green UV stabilized polypropylene copolymer compound with 20% De-Carbonizer. Decarbonizers are used to enhance carbon neutrality performance and/or reduce carbon foot print. Contains renewable sourced materials.

Processing/Physical Characteristics

	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	48	cm ³ /10min	ISO 1133
Temperature	190	°C	-
Load	5	kg	-

Mechanical properties

	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	970	MPa	ISO 527
Tensile Strength	12.5	MPa	ISO 527
Yield strain	4.6	%	ISO 527
Strain at break	7.3	%	ISO 527
Izod notched impact strength, +23°C	12	kJ/m ²	ISO 180/1A

Other properties

	Value	Unit	Test Standard
Density	950	kg/m ³	ISO 1183

Processing Recommendation Injection Molding

	Value	Unit	Test Standard
Pre-drying - Temperature	85	°C	-
Pre-drying - Time	3 - 4	h	-
Processing humidity	≤0.15	%	-
Mold temperature	30 - 60	°C	-
Feed temperature	60 - 80	°C	-
Zone 1	165 - 185	°C	-
Zone 2	165 - 185	°C	-
Zone 3	175 - 195	°C	-

Characteristics

Processing

Injection Molding

Special Characteristics

U.V. stabilized or stable to weather

Features

Copolymer

Certifications

Contains renewable resources

Regional Availability

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