

# Technical Data Sheet

PC Regranulate

Product Code: 000618



Post-consumer recycled (PCR) PC Regranulate suitable for Injection Moulding and Extrusion applications. Exemplary applications are Drinking water bottles, PET sheets, Personal care bottles and Thermal forming boxes.

Compliance	
FDA (Food safe)	REACH (240 SVHC)
RoHS Directive (EU) 2011/65	

Product features	
High transparency	Stable mechanical performance
Low impurities	

General Properties	
Color	Transparent blue
Form	Regranulate
Origin - Region	Asia
Origin – Material Stream	Post Consumer Recycling
Origin – Raw Material	Water buckets
Application Area	Extrusion, Injection moulding
Certification	GRS

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Physical Properties	Value	Units	Standard
Density	1.2	g/cm <sup>3</sup>	ISO 1183
MFI (230°C, 2.16kg)	8.2	g/10min	ISO 1133-1
Tensile Strength	63	MPa	ISO 527-2
Tensile Strain at Break	108	%	ISO 527-2
Flexural Strength	88.5	MPa	ISO 178
Flexural Modulus	2354	MPa	ISO 178
Izod Notched Impact Strength	73	KJ/m <sup>2</sup>	ISO 180
Temperature of Deflection Under Load	NA	MPa	ISO 75-2
Moisture content	<0.2	%	GB/T 14190-2017
Ash content	<0.1	%	ISO 3451-1

### Packaging

Big Bags on pallets, silo truck, 25kg bags on pallets

**000618 PC blue transparent needs to be dried at 120°C for 2h before use. Processing temperature is 265~280°C.**

#### NOTICE:

All properties are current, typical data of the stated product. All statements, data and information given herein are believed to be accurate and reliable, but are presented without guarantee, warranty or responsibility of any kind, expressed or implied.