



PLASTIC RECYCLING, INC.

Plastic Waste Specialists

RECYCLED
COMPOUNDS

TECHNICAL DATA SHEET

PP

HOPP 03-00 S03 WHITE 003

PP

Polypropylene homopolymer 30% PCR FDA grade and 70% virgin grade FDA, flowability specific for extrusion or thermoforming, white color matched as per sample.

Description

Extrusion or Thermoforming

USA, Mexico, Europe

Processing Methods

Availability

[REC 30%]

V0-03-26

Food packaging applications

ASTM

Typical Applications

Test Methods

[PCR 30%]

TYPICAL PROPERTIES

Physical	Method	Conditions	Value	Unit
Melt mass-flow rate	ASTM D1238 Procedure B	230°C - 2.16 kg	3.0	g/10'
Density	ASTM D792 Method A	73°F	0.950	kg/m³
Ash content	Internal Method	475°C - 15 min	5.0	%

Mechanical	Method	Conditions	Value	Unit
Flexural modulus	ASTM D790	73°F - 0.05 in/min	200000	psi
Flexural strength	ASTM D790	73°F - 0.05 in/min	6600	psi
Tensile Modulus	ASTM D638	73°F - 0.05 in/min	260000	psi
Tensile stress at Yield	ASTM D638	73°F - 2 in/min	5000	psi
Tensile stress at Break	ASTM D638	73°F - 2 in/min	3100	psi
Elongation at Yield	ASTM D638	73°F - 2 in/min	8.5	%
Elongation at Break	ASTM D638	73°F - 2 in/min	85.0	%
Izod Pendulum Impact Resistance	ASTM D256	73°F	0.65	ft*lb/in

Thermal	Method	Conditions	Value	Unit
Deflection Temperature Under Load	ASTM D648	(66 psi, Unanneled)	221	°F
Vicat softening temperature	ASTM D1525	Loading 2 - Rate A (50N-50 C/h)	194	°F

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