



# HYPRO® PP-RP 35/1.5C

## Entec Polymers - Polypropylene Random Copolymer

Tuesday, November 5, 2019

### General Information

#### General

Material Status	• Commercial: Active
Availability	• North America
Additive	• Clarifier
Features	• Random Copolymer
RoHS Compliance	• RoHS Compliant
Forms	• Pellets

### ASTM & ISO Properties<sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.900		ASTM D792
Melt Mass-Flow Rate (230°C/2.16 kg)	35	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.012 to 0.025	in/in	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 73°F)	4300	psi	ASTM D638
Tensile Elongation (Yield, 73°F)	13	%	ASTM D638
Flexural Modulus (73°F)	169000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F, 0.125 in)	1.0	ft·lb/in	ASTM D256

### Processing Information

Injection	Nominal Value	Unit
Rear Temperature	360 to 420	°F
Middle Temperature	380 to 460	°F
Front Temperature	400 to 480	°F
Nozzle Temperature	380 to 460	°F
Processing (Melt) Temp	400 to 480	°F
Mold Temperature	70 to 120	°F
Injection Pressure	500 to 1500	psi

### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.