

## Product Data Sheet

Polypropylene Random Copolymer

Process: Injection Molding

PRI 40 is a high melt flow rate random copolymer designed for injection molding. This product offers outstanding transparency, very good stiffness/impact strength balance and excellent processability.

Application:

Thin wall injection molded high clarity parts.

Control & Typical Properties			
Feature	Method	Units	Values
Melt Flow Rates (230 °C/2.16 kg)	1133	g/10 min	40
Density	1183-1	s/cm <sup>3</sup>	0.900
Flexural Modulus - 1% Secant	178	Mpa	1070
Tensile Strength at Yield	527-1	Mpa	30
Tensile Elongation at Yield	527-1	%	11
Notched Izod Impact Strength	180	KJ/m <sup>2</sup>	3.3
Deflection Temperature under Load at 0.455 Mpa	75-1/75-2	°C	71
Deflection Temperature under Load at 1.820 Mpa	75-1/75-2	°C	52
Vicat Softening Temperature at 10N	306	°C	127
Haze	13468-1	%	18
Rockwell Hardness (R Scale)	2039-2		83

<sup>1</sup> Typical values which can vary within specification limits and are not to be construed as specifications.

<sup>2</sup> 2.16 kg/230° C.