

## Polypropylene TR3020UC

### Sub-group:

Random Copolymer Polypropylene

### Description:

Maximum see-through clarity, minimal haze; superior color stability, process stability and gloss.

### Applications:

Suggested uses include extrusion, blow molding, thermoforming, food containers, packaging. Ultraclear (TM) polypropylene resin offers unsurpassed clarity and performance, up to 50% improvement in haze over standard clarified products. It offers substitution opportunities versus more expensive resins such as PET, PVC, PC or PS.

### Process:

Blow Molding.

### Control Properties:

	ASTM Method	Units	Values
Nominal Melt Flow Rate (230°C/2.16kg)	D-1238	g/10 min	2

### Plaque Properties <sup>a</sup>:

	ASTM Method	Units	Values
Tensile strength at yield (2 in/min, 50 mm/min)	D-638	psi / MPa	4,400 / 30
Elongation at yield (2 in/min, 50 mm/min)	D-638	%	13
Flexural Modulus (0.05 in/min, 1.3 mm/min, 1% secant)	D-790A	psi / MPa	155,000 / 1,069
Notched IZOD impact strength at 23°C	D-256A	ft-lbs/in / J/m	2.5 / 133
Haze, 50 mil. Disc	D-1003	%	5

\*For FDA compliance letter contact Sunoco Chemicals.

a) Tests made in injection molded plates according to ASTM D-4101 classification.

