

## RAMAPET G1

### Sales Specifications

Product: Polyethylene Terephthalate (PET) copolymer for 5-gallon refillable water container

Sl. No	Property	Unit	Specifications	Test Equipment
1	Intrinsic Viscosity	dl/g	0.86 ± 0.02	IR-001 (Ubbelohde Viscometer)
2	Acetaldehyde	ppm	1 Max	IR-002 (Gas Chromatograph)
3	Melting point	°C	240 ± 2.0	IR-003 (Differential Scanning Calorimeter)
4	Color b	/	-1.5 ± 1.5	IR-004 (CIE Lab)
5	Crystallinity	%	45 Min	IR-005 (Density Gradient Column)
6	Moisture content (when packed)	wt %	0.2 Max	IR-006 (Gravimetric Method)
7	Chips / gm	pieces	60 ± 5	IR-007 (Weighment Method)

### Description

**RAMAPET G1** is a food grade PET resin with slow crystallizing rate specially designed for 5-gallon refillable water containers. RAMAPET G1 resin is especially suitable for thick walled molding and extrusion where maintenance of clarity in the finished packaging product is of utmost importance in addition to superb mechanical properties and excellent processability.

**RAMAPET G1** resin is considered safe for food packaging applications based upon compliance with FDA regulation 21 CFR Section 177.1630, European Legislation EU 10/2011 and RoHS Directive 2002/95/EC and its subsequent amendments for heavy metal contents.