



Reliance Industries Limited

Polyethylene Terephthalate	
Relpet® G5761	Copolymer PET

<p>Product description and applications</p> <p>Relpet® G5761 is bottle grade PET resin manufactured using DuPont's technology.</p> <p>Relpet® G5761 is typically used for still-water and APET sheet applications.</p>	<p>Features</p> <p>Relpet® G5761 is engineered to provide:</p> <ul style="list-style-type: none"> • Good process ability • Low preform AA and • Excellent clarity / gloss in bottles • Low moisture when packed (<0.2%)
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Typical properties Relpet® G5761 are as follows:

Sl. No.	Property	Unit	Value	Range	Equipment / Test method
1	Intrinsic Viscosity (IV)	dl/g	0.76	± 0.02	Ubbelohde Viscometer / ASTM D 4603 - 03
2	Acetaldehyde (AA)	ppm	1.0	Max.	Head Space & Gas Chromatography / ASTM F2013-10
3	Colour b*	CIE	0 to -3.	-	Hunterlab / ASTM D6290 - 13
4	Crystallinity	%	50	Min.	Density Gradient Column / ASTM - D1505-10 / D 792-13
5	Fines	ppm	80	Max	Sieve Shaker using ASTM-16 mesh /QAF-PCL-3.407
6	Chips/gm	No.	68	± 5	Weighment method/ QAF-PCL-3.408
7	Melting Point	C	247	± 3	DSC method QAF-PCL 3.416

Certifications

Relpet® G5761 resin is considered safe for food-packaging applications based on compliance with FDA regulation 21 CFR Section 177.1630 & other similar food contact safety regulations. Manufacturing facilities and system meet ISO 22000 standard.

Relpet® is registered trademark of Reliance Industries Limited.



PET manufacturing test facility/methods (SI # 1 to 4) are accredited as per National Accreditation Board for Testing & Calibration Laboratories, India.

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