PETResinGlobal

Technical Data Sheet

Manufacturer:

Reliance Industries Limited

Product:

Polyethylene Terephthalate

Grade:

Relpet® G5841

Type:

Copolymer PET

Specifications:

Typical properties Relpet® G5841 are as follows:

Sl. No.	Property	Unit	Value	Range	Equipment / Test method
1	Intrinsic Viscosity (IV)	dl/g	0.84	± 0.02	Ubbelhode Viscometer / ASTM D 4603
2	Acetaldehyde (AA)	ppm	1.0	Max.	Head Space & Gas Chromatography / ASTM F2013
3	Colour b*	CIE	0 to -3.	-	Hunterlab / ASTM D6290
4	Crystallinity	%	50	Min.	Density Gradient Column / ASTM - D1505 / D 792
5	Fines	ppm	80	Max	Sieve Shaker using ASTM-16 mesh / QAF-PCL-3.407
6	Chips /g	No	68	±5	Weighment method / QAF-PCL-3.408
7	Melting Point	C	247	±3	DSC method QAF-PCL 3.416

Disclaimer: This document is for information purposes only. Customers are responsible for testing and confirming the suitability of this product in their application. To the extent permitted by law, no warranty as to merchantability or fitness of purpose, expressed or implied, is made.

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A Division Of Trimline Polymers

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Product Description and Applications:

Relpet® G5841 is bottle grade PET resin manufactured using Du Pont's technology.

It is typically used for:

- Wide mouth Jars.
- General purpose bottles
- Agro chemicals
- APET sheet and PET strapping

Features:

Relpet® G5841 is engineered to provide:

- Good process ability
- Excellent clarity/gloss
- Very Good mechanicals
- Low moisture when packed (<0.2%)

Certifications:

Relpet® G5841 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 are accredited as per National Accreditation Board for Testing & Calibration Laboratories, India.

Manufacturer Notice:

The information and data presented herein is true and accurate to the best of our knowledge. No warranty or guarantee expressed or implied is made regarding performance or otherwise. This information and data may not be considered as a suggestion to use our products without taking into account existing patents, or legal provisions or regulations, whether national or local.

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