

Polyethylene Terephthalate

Relpet Green S80

Product applications	Features
<p>Relpet Green® is recycled PET resin for bottle grade applications produced with Starlinger technology</p> <p>Relpet Green® can be used for food grade** and non-food grade packaging applications</p>	<p>Relpet Green® is engineered to provide:</p> <ul style="list-style-type: none"> • Uniform IV • Good process ability • Excellent clarity / gloss in the bottles • Wide range of applications & products

Typical properties of Relpet Green are as follows:

SI No.	Property	Unit	Value	Equipment / Test method
1	Intrinsic viscosity	dL/g	0.80+/- 0.02	Dynisco LMI 5000 (Internal)
2	Colour L*	CIE	70±2	Internal
3	Colour b*	CIE	0 to -2 (up to – 8)	Internal
5	Melting point	Deg C	240-260	ASTM D3418
6	Acetaldehyde	ppm	1.0 max	GC-MS
7	Fines	%	0.1 max	Internal
8	Moisture	%	0.3	ASTM D6980
9	Bulk density	Kg/m3	830-910	ASTM D1895

** Food grade use is subject to regulatory approvals by competent government authorities in specific country / region

Relpet is the registered trademark of Reliance Industries Limited for its brand of Polyethylene Terephthalate resin

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