



# Product Data Sheet

Issue Date : 01.01.10

**Product Name** Futura PET – Type 551/553/555

## Recommended Applications

- ▶ Extruded Sheet application.
- ▶ Strapping application.

## Product Features

- ▶ Futura PET is a PET based copolyester resin.
- ▶ Futura PET is completely recyclable under SPI code no.1.

## Properties

Characteristic	Unit	Type			Test Method
		551-D9	553-D11	555-D13	
Intrinsic Viscosity @ 30°C	dL/g	0.70 ± 0.02	0.80 ± 0.02	0.90 ± 0.02	FPL-QP-V-20-58
b* Color	CIE Lab	0 max.	0 max.	0 max.	FPL-QP-S-20-55-Part-B-XXI
Carboxyl Number	meq/kg	25 max.	25 max.	25 max.	FPL-QP-T-20-55-Part-B-VIII
Melting Point	°C	246 ± 2	246 ± 2	246 ± 2	FPL-QP-DSC-20-55-Part-B-XVIII #
Acetaldehyde	ppm	1.0 max.	1.0 max.	1.0 max.	FPL-QP-GC-20-55-Part-B-XII
Bulk Density	g/cc	0.85 ± 0.10	0.85 ± 0.10	0.85 ± 0.10	FPL-QP-P-20-55-Part-B-XX
Weight of 20 Chips	mg	300 ± 50	300 ± 50	300 ± 50	FPL-QP-W-20-55-Part-A-I
Moisture (when packed)	wt.%	0.25 max.	0.25 max.	0.25 max.	FPL-QP-E-20-55-Part-B-VI

# Determined using DSC second heating cycle.

## Packing

Resin can be supplied in 1000 kg PP jumbo bags with LDPE liner at 20 bags per 20 ft FCL container as required.

## Contact Address

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