

	Product Data Sheet	Issue Date : 01.01.10
Product Name	Futura TexPET- Easy Dyeable Type 204	Old Type No. 20106

Recommended Applications

- ▶ Easy dyeable textile/fiber applications.

Product Features

- ▶ Futura TexPET-Easy Dyeable is a Polyester based resin for easy dyeability.
- ▶ When suitable dyestuff in required quantity is used, dyeing can be carried out at 100°C at atmospheric pressure.
- ▶ Dye pick up is similar to that of high temperature / high pressure dyeing.
- ▶ Futura TexPET-Easy Dyeable resin can be supplied in Super bright (SPB) (with optical brightner) or Semi bright (SMB) form.
- ▶ Intrinsic Viscosity can be customized depending on customer's requirement.

Properties

Characteristic	Unit	Type 204		Test Method
		SPB-Y3	SMB-Y3	
Intrinsic Viscosity @ 25°C	dL/g	0.63 ± 0.01	0.63 ± 0.01	FPL-QP-V-20-58
TiO ₂ Content	wt. %	Nil	0.04 ± 0.005	FPL-QP-A-20-55-Part-B-XXIV
b* Color (as such)	CIE Lab	3 max.	3 max.	FPL-QP-S-20-55-Part-B-XXI
Carboxyl Number	meq/kg	40 max.	40 max.	FPL-QP-T-20-55-Part-B-VIII
Melting Point	°C	227 ± 2	227 ± 2	FPL-QP-DSC-20-55-Part-B-XVIII #
DEG	wt. %	1.8 max.	1.8 max.	FPL-QP-GC-20-55-Part-B-XIII
Weight of 20 chips	mg	300 ± 50	300 ± 50	FPL-QP-W-20-55-Part-A-I
Moisture (when packed)	wt. %	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 900 kg PP jumbo bags with LDPE liner at 20 bags per 20 ft FCL container as required.

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