

ngplastics,corp.

PRODUCT: rPET Clear Repro Pellet

Main Application: Eco-Yarn

Property	Unit	Value
Intrinsic Viscosity (IV)	dl/g	0.67 ± 0.01
Color L Value	L	75 ± 3
Color a Value	a	-2 ± 2
Color b Value	b	4 ± 2
Carboxyl Group	(meq/kg)	≤ 36
Ash	%	≤ 0.05
Diethylene Glycol	%	≤ 2
Melting Point	°C	250 ± 2
Chip Size	mm	3.5

PRODUCT: rPET Green Repro Pellet

Main Application: Injection & High Strength Strapping

Property	Unit	Value
Intrinsic Viscosity (IV)	dl/g	0.95 ± 0.02
Melting Point	°C	245 ± 5
Water Content	%	0.271
Tensile Strength at Max. Load	Kgf/cm ²	529
Tensile Modulus	Kgf/cm ²	658
Elongation at Break	%	19.3
Flexural Strength	Kgf/cm ²	740
Flexural Modulus	Kgf/cm ²	20000
Izod Notched Impact Strength	Kgf.cm/cm	2.32
Heat Deflection Temperature	°C	63
Linear Expansion Coefficient	10 ⁻⁶ /°C	66.1