

Product:	Post-Consumer Recycled (PCR) PET Pellets.
Technology:	NGR LSP (Liquid State Polycondensation).
Application(s):	May be used up to 100% for the manufacture of materials and articles for contact with all types of foodstuffs, including drinking water, for long-term storage at room temperature ¹ (EFSA).

Technical Specification:

Measured Properties

Property		Value	Units	Test Method
Intrinsic Viscosity		0.80 ± 0.02	dl/g	IVRV-PROD-INST-22-018
Colour	L*	≥ 62	-	IVRV-PROD-INST-22-017
	a*	-6.5 ± 3	-	
	b*	-0.6 ± 3	-	
Acetaldehyde		≤ 1	ppm	IVRV-PROD-INST-22-021
Benzene		< 50	ppb	
Limonene		< 10	ppb	
Average Granule Weight		16 ± 2	mg	IVRV-PROD-INST-22-020
Yellow Granules		< 2	pcs/100g	IVRV-PROD-INST-22-023
Black Point		0.2mm to 0.5mm < 1	pcs/100g	IVRV-PROD-INST-22-022
Crystallinity		30 ± 5	%	IVRV-PROD-INST-22-019

Typical Properties

Property		Typical Value	Units	Test Method
Melting Point (Tm)		245 ± 5	°C	IVRV-PROD-INST-22-019
Glass Transition (Tg)		78 ± 2	°C	-
Heat of Fusion		42	kg/kg (cal/g)	-
Moisture		< 2000	ppm	-
Fines		< 100	ppm	-
Bulk Density		870 ± 30	kgm ⁻³	IVRV-PROD-INST-22-024

Packaging:	Bulk or Big Bags.
Product Description:	Recycled PET Pellets produced from washed and dried post-consumer PET flakes originating from materials and articles that have been manufactured in accordance with the EU legislation on food contact materials and contain no more than 5% of PET from non-food consumer applications.

Manufacturer:	Contact Details:
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¹ DEJA™ GR780 is fully food contact compliant as sold and can be used for many food contact applications, however Indorama Ventures Recycling Verdun is not in a position to make a specific statement about any food contact applications as DEJA™ GR780 must be further processed in order to make an article.