



**China Resources Chemical Innovative Materials Co., Ltd**  
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## TECHNICAL SPECIFICATION

### CR-8816

CR8816 bottle-grade PET resin is applicable to packing bottles for drinking water such as pure water, mineral water and distilled water etc. It's also widely used for sheet extrusion. The product is good in processing performance, low in processing temperature, wide in processing allowance, good in product transparency and low in A.A and heavy metal concentration. It can maintain the respective taste of pure water, natural mineral water and distilled water.

Packing situation: 1.1MT jumbo bag/20 bags in one 20' container

CHARACTERISTICS	UNIT	VALUE	TEST METHOD	TEST EQUIPMENT
I.V.	dg/g	0.81+/-0.02	ASTM D5225	VISCOTEK Y501
AA CONTENT	mg/kg	≤1.0	WN-B010-9013E	AGILENT HEADSPACE
COLOR – b		≤1.0	WN-B010-7136E	X-RITE
COLOR– L		≥80.0		
COOH CONTENT	mol/t	≤35	WN-B010-7013E	METTLER DL50
MELTING POINT	°C	≥240	WN-B010-7089E	TA Q10
POWDER	mg/kg	≤100	GB17931-2003	SIEVE ANALYSIS (RETSCH COMPANY)
WATER CONTENT	wt%	≤0.2	GB17931-2003	
ASH CONTENT	%	≤0.08	GB17931-2003	