

# RAMAPET® S1

Polyethylene Terephthalate

Indorama Ventures PCL

## Message:

RAMAPET S1 is a high intrinsic viscosity food grade PET copolymer resin that is designed for CSD container market. The resin offers enhanced barrier properties on gas permeability through the bottle surfaces.

Suitable for CSD/Aerated water for tropical conditions. APET sheet, beer and agrochemical application. It is also suitable for heat set blow molding that is used for warm fill applications.

General Information			
Features	Barrier Resin		
	Copolymer		
	Food Contact Acceptable		
	High Viscosity		
Uses	Agricultural Applications		
	Blow Molding Applications		
	Bottles		
	Containers		
	Filling Applications		
	Food Packaging		
	Sheet		
Agency Ratings	EU 90/128/EEC		
	FDA 21 CFR 177.1630		
Processing Method	Injection Blow Molding		
Physical	Nominal Value	Unit	
Acetaldehyde <sup>1</sup>	< 1.0	ppm	
Color b <sup>2</sup>	-3.00 to 0.00		
Crystallinity <sup>3</sup>	> 50	%	
Intrinsic Viscosity <sup>4</sup>	0.82 to 0.86	dl/g	
Moisture Content - When Packed <sup>5</sup>	< 0.20	wt%	
Chips/Gram <sup>6</sup>	55.0 to 65.0	pieces	
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	245 to 249	°C	DSC
NOTE			
1.	Gas Chromatograph		
2.	CIE Lab		
3.	Density Gradient Column		
4.	Ubbelohde Viscometer		

5.	Gravimetric Method
6.	Weighment Method

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

