

ENVIROCLEAR® ENV22-NC760

Polyethylene Terephthalate Glycol Comonomer

ENVIROPLAS®, Inc.

Message:

Extrusion - Injection Molding Grade, Excellent Chemical Resistance, Odorless, Good Melt Strength, Good Toughness - Resists Chipping or Cracking, Extruded Sheet is Easy to Fabricate, Accepts Printing
NC760 = To Be Assigned 5 Digit Number Indicating Natural, Black, or Custom Color.
The ENV22 Series Products Are Available With Mold Release and/or UV Stabilizer.

General Information			
Features	Excellent Printability		
	Good Chemical Resistance		
	Good Crack Resistance		
	Good Processability		
	Good Strength		
	Good Toughness		
	Low to No Odor		
Appearance	Black		
	Colors Available		
	Natural Color		
Forms	Pellets		
Processing Method	Extrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.28	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (250°C/2.16 kg)	25	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.20 to 0.50	%	ASTM D955
Water Absorption (24 hr)	0.15	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	105		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	50.3	MPa	ASTM D638
Tensile Elongation (Break)	30	%	ASTM D638
Flexural Modulus	2170	MPa	ASTM D790
Flexural Strength	73.8	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	69	J/m	ASTM D256

Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	63.0	°C	ASTM D648
Injection	Nominal Value	Unit	
Drying Temperature	60.0	°C	
Drying Time	4.0 to 6.0	hr	
Suggested Max Moisture	0.20	%	
Rear Temperature	204 to 221	°C	
Middle Temperature	204 to 221	°C	
Front Temperature	204 to 221	°C	
Nozzle Temperature	210 to 227	°C	
Mold Temperature	15.6 to 37.8	°C	
Injection Rate	Slow		
Back Pressure	0.0689 to 0.172	MPa	
Screw Speed	60	rpm	

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

