

# Novablend™ 5035

Rigid Polyvinyl Chloride

PolyOne Corporation

## Message:

Novablend™ 5035 is a Rigid Polyvinyl Chloride product. It can be processed by extrusion and is available in North America. Applications of Novablend™ 5035 include engineering/industrial parts and food contact applications.

Characteristics include:

Flame Rated

Food Contact Acceptable

High Gloss

General Information			
Features	Food Contact Acceptable High Gloss		
Uses	Profiles Transparent or Translucent Parts		
Agency Ratings	FDA Food Contact, Unspecified Rating		
Appearance	Clear/Transparent		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.35	g/cm <sup>3</sup>	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus <sup>1</sup>	3240	MPa	ASTM D638
Tensile Strength <sup>2</sup> (Yield)	48.3	MPa	ASTM D638
Flexural Modulus	2760	MPa	ASTM D790
Flexural Strength	86.9	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm, Injection Molded)	35	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Annealed, 1.57 mm)	67.2	°C	ASTM D648
Flammability	Nominal Value	Unit	Test Method
Flame Rating <sup>3</sup>	V-0		UL 94
Oxygen Index	30	%	ISO 4589-2
NOTE			
1.	Type I, 5.1 mm/min		
2.	Type I, 5.1 mm/min		
3.	Cell classification 12453(D-1784)		

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

