

HIVAL® 2435

Polypropylene Homopolymer

Nexeo Solutions, LLC.

Message:

HIVAL® 2435 is a polypropylene homopolymer (PP Homopoly) material. This product is available in North America and is processed by injection molding.

HIVAL®The main features of the 2435 are:

- ROHS certification
- Good processability
- Homopolymer
- accessible food
- Good dimensional stability
- Typical application areas include:
 - hat/cap/cork
 - engineering/industrial accessories
 - home apps
 - container
 - Consumer goods

General Information			
Features	Good dimensional stability Homopolymer Workability, good Compliance of Food Exposure Excellent appearance		
Uses	Thin wall parts Shield Household goods Container Sporting goods Shell Toys		
Agency Ratings	FDA 21 CFR 177.1520		
RoHS Compliance	RoHS compliance		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.902	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	35	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	31.7	MPa	ASTM D638
Flexural Modulus - 1% Secant	1170	MPa	ASTM D790

Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	32	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method

Deflection Temperature Under Load (0.45 MPa, Unannealed)	95.0	°C	ASTM D648
--	------	----	-----------

Additional Information

Product Code: 1001101

Injection	Nominal Value	Unit
Rear Temperature	221	°C
Middle Temperature	232	°C
Front Temperature	243	°C
Nozzle Temperature	243	°C
Processing (Melt) Temp	243	°C
Mold Temperature	21.1 - 48.9	°C
Injection Pressure	2.76 - 10.3	MPa
Back Pressure	1.03 - 3.45	MPa

Injection instructions

Screw Speed: Slow Injection Speed: Slow-Fast Avoid excessive melt temperatures and long residence times as this could lead to thermal degradation.

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



WECHAT