

HIVAL® 2635

Polypropylene Impact Copolymer

Nexeo Solutions, LLC.

Message:

HIVAL® 2635 is a polypropylene impact copolymer (PP Impact Copoly) material. This product is available in North America and is processed by injection molding.

HIVAL® The main features of the 2635 are:

ROHS certification

Copolymer

Typical application areas include:

hat/cap/cork

engineering/industrial accessories

home apps

container

Consumer goods

General Information			
Features	Impact copolymer		
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	0.900	g/cm ³	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)	26.2	MPa	ASTM D638
Tensile Elongation (Yield)	5.0	%	ASTM D638
Flexural Modulus - 1% Secant	1070	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	96	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	102	°C	ASTM D648
Additional Information			

Product Code: 1610901

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: SlowInjection Speed: Slow-FastAvoid excessive melt temperatures and long residence times as this could lead to thermal degradation.

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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

