Versollan™ OM 1262NX-9

Thermoplastic Elastomer

PolyOne Corporation

Message:

Versollan™OM 1262NX-9 is a high-performance polyurethane (TPU) alloy designed for thin-walled overlapping molding with polycarbonate (PC), ABS, PC/ABS and copolyester substrates.
Matte, imitation rubber surface is easier to grasp
tested by practice
Excellent adhesion to PC, ABS, PC/ABS, PC/PBT and copolyester

General Information			
UL YellowCard	E76261-101061815		
Features	Gloss, low Workability, good Good formability		
Uses	overmolding Thin wall parts Electrical/Electronic Applications Power/other tools Soft handle Business equipment Consumer goods application field		
Agency Ratings	UL 94 .QMFZ2.E76261		
RoHS Compliance	RoHS compliance		
Appearance	Black		
Forms	Particle		
Processing Method	Injection molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	1.17	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR)			ASTM D1238
190°C/2.16 kg	7.0	g/10 min	ASTM D1238
200°C/5.0 kg	100	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.90 - 1.5	%	ASTM D955
Hardness	**Nominal Value**	**Unit**	**Test Method**
Durometer Hardness (Shore A, 10 sec)	65		ASTM D2240
Elastomers	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress [1]			ASTM D412
100% strain, 23°C [2]	2.55	MPa	ASTM D412
300% strain, 23°C [3]	3.34	MPa	ASTM D412

Tensile Strength (Break, 23°C)	7.64	MPa	ASTM D412
Tensile Elongation (Break, 23°C)	710	%	ASTM D412
Tear Strength	40.3	kN/m	ASTM D624
Compression Set (23°C, 22 hr)	35	%	ASTM D395B
Flammability	Nominal Value		Test Method
Flame Rating (1.50 mm)	HB		UL 94
Fill Analysis	Nominal Value	Unit	Test Method
Apparent Viscosity (200°C, 11200 sec^-1)	19.9	Pa·s	ASTM D3835
Injection	Nominal Value	Unit	
Drying Temperature	51.7 - 54.4	°C	
Drying Time	3.0 - 4.0	hr	
Suggested Max Moisture	< 0.030	%	
Suggested Max Regrind	20	%	
Rear Temperature	163 - 185	°C	
Middle Temperature	168 - 196	°C	
Front Temperature	177 - 210	°C	
Nozzle Temperature	177 - 210	°C	
Mold Temperature	21.1 - 48.9	°C	
Back Pressure	0.172 - 0.345	MPa	
Screw Speed	25 - 75	rpm	

Injection instructions

在使用此产品之前或之后,均须用熔体流动速率较低 (0.5 - 2.5 MFR) 的聚乙烯 (PE) 或聚丙烯 (PP) 彻底进行置换.Versollan™ OM 1262NX-9 可利用高达 20% 的回收料同时其性能所受影响却极小,但该回收料必须是未受到污染的.为了最大限度地减小模塑期间其性能所受的影响,熔体温度应维持得尽可能低.回收料的有效性应由用户最终确定.Versollan™ OM 1262NX-9 不应在机筒内闲置过长时间(5 分钟以上).建议露点:-40°F注射速度:1 - 5 英寸/秒第一阶段 - 提升压力:200 - 800 psi第二阶段 - 保持压力:70% 的升压保持时间(厚部件):4 - 10 秒保持时间(薄部件):1 - 3 秒

NOTE	
1.	2 hours
2.	Mouth die c
3.	C mould

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