SCLAIR® 2714

High Density Polyethylene

NOVA Chemicals

Message:

SCLAIR® 2714 is a High Density Polyethylene material. It is available in North America for injection molding.
Important attributes of SCLAIR® 2714 are:
Antioxidant
Food Contact Acceptable
Good Processability
Good Stiffness
Good Toughness
Typical applications include:
Caps/Lids/Closures
Containers
Food Contact Applications

General Information			
Additive	Antioxidant		
Features	Antioxidant Food Contact Acceptable Good Processability Good Stiffness Good Toughness High Density Low Temperature Impact Resistance		
Uses	Food Containers Lids		
Agency Ratings	FDA 21 CFR 177.1520(c) 3.2a		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	0.951	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	51	g/10 min	ASTM D1238
Hardness	**Nominal Value**	**Unit**	**Test Method**
Durometer Hardness (Shore D)	62		ASTM D2240
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength [1] (Yield)	23.0	MPa	ASTM D638
Tensile Elongation [2] (Break)	15	%	ASTM D638
Flexural Modulus	1000	MPa	ASTM D790
Thermal	**Nominal Value**	**Unit**	**Test Method**
Brittleness Temperature	< -70.0	°C	ASTM D746

Vicat Softening Temperature	119	°C	ASTM D1525
Additional Information	Nominal Value	Unit	Test Method
Snake Flow	360	mm	Internal Method
NOTE			
1.	50 mm/min		
2.	50 mm/min		

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