

# G-Lex S56A010

High Density Polyethylene  
Gas Authority of India Limited

Message:

S56A010 has excellent extrudability and good balance between liner strength and knot strength. It's major use is in low denier application like Fishing Nets, Mosquito Net etc.

General Information			
Additive	Antioxidant		
	Slip		
Features	Antioxidant		
	Good Processability		
	Good Weather Resistance		
	High ESCR (Stress Crack Resist.)		
	High Impact Resistance		
	Low Temperature Impact Resistance		
Uses	Slip		
	Netting		
	Rope		
Forms	Twine		
	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.956	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	21.6	MPa	ASTM D638
Tensile Elongation (Yield)	13	%	ASTM D638
Flexural Modulus	510	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	125	°C	ASTM D1525

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# 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

