

- Flexible Polyvinyl Chloride

Thursday, June 29, 2017

General Information				
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Material Status	Commercial: Active			
Availability	Asia Pacific			
Uses	Garden Hose			
Forms	Pellets			
Processing Method	Extrusion			

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ASTM & ISO Properties ¹				
Physical	Nominal Value	Unit	Test Method	
Specific Gravity	1.26		ASTM D792	
Mechanical	Nominal Value	Unit	Test Method	
Tensile Strength ² (Yield)	2130	psi	ASTM D638	
Tensile Elongation ² (Break)	320	%	ASTM D638	
Hardness	Nominal Value	Unit	Test Method	
Durometer Hardness (Shore A)	69		ASTM D2240	
Thermal	Nominal Value	Unit	Test Method	
Thermal Stability ³ (374°F)	> 30	min	BS 2782	

Notes

¹ Typical properties: these are not to be construed as specifications.

² 9.8 in/min

³ Congo Red

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