



NHV-64A-N

Thermoplastic Vulcanizate



Product Description	Non-hygroscopic grade that requires little to no drying before processing, easier coloring, and excellent bonding to polypropylene.		
Applications	<ul style="list-style-type: none"> • Soft Grips • Seals & Gaskets 	<ul style="list-style-type: none"> • Tubing • Industrial Applications 	
General			
Color	<ul style="list-style-type: none"> • Natural (Opaque) 		
Form	<ul style="list-style-type: none"> • Pellet 		
Processing Method(s)	<ul style="list-style-type: none"> • Extrusion • Injection Molding 		
RoHS Compliance	<ul style="list-style-type: none"> • RoHS Compliant 		
Physical			
	Typical Value	Units	Test Method
Hardness, 15 sec	64	Shore A	ASTM D2240
Specific Gravity	0.94	-	ASTM D792
Mechanical			
	Typical Value	Units	Test Method
Ultimate Tensile Strength	595	psi	ASTM D412
Ultimate Elongation	549	%	ASTM D412
Modulus 100%	273	psi	ASTM D412
Tear Strength	135	lbf/in	ASTM D624
Compression Set 158°F (70°C), 22 hrs	35	%	ASTM D395
Processing Conditions			
	Typical Value	Units	
Nozzle Temperature	370-430	°F	
Front Temperature	360-400	°F	
Middle Temperature	360-390	°F	
Rear Temperature	350-380	°F	
Mold Temperature	50-125	°F	
Injection Speed	Middle to High		
Vent Depth	0.025	mm	
Mold Shrinkage	1.5 – 2.5	%	
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Revision: 4/12/2022			

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