

Material Specification

VESTAMID® DX9304 black E70238

Manufacturer:

Evonik Industries AG
Paul-Baumann-Straße 1
D-45764 Marl

Specification

Version/Date:

E 5 / 2013-08-13

Properties	Unit	Method	Value	
			Min	Max
Viscosity number (m-cresol)	cm ³ /g	ISO 307	210	240
Water content	%	ISO 15512		0.1
Tensile test				
Tensile stress at yield	MPa	ISO 527-2/1A/50	46	
Elongation at yield	%		4	
Elongation at break	%		50	
Modulus of elasticity	MPa	ISO 527-2/1A/1	1,500	
Notched impact strength CHARPY at 23°C	kJ/m ²	ISO 179/1eA	40 P ¹⁾	
Melting range (DSC 2 nd heating) ²⁾	°C	ISO 11357	210	216
Density ²⁾	g/cm ³	ISO 1183	1.020	1.050

¹⁾ P = partial break

²⁾ typical value, not part of lot testing plan

Inside the original and undamaged packaging, the product has a shelf life of at least 2 years when stored in dry rooms at temperatures not exceeding 30°C

In addition to this specification, only the General Conditions of Sale and Delivery of Evonik Industries AG in their most current version (the current status at specification date is 02/2011) shall be applicable.

Evonik Industries AG
Performance Polymers

Date 2013-08-13

Annegret Steinheuer
PP-HP-IM-TAQ-QC

VESTAMID® = registered trademark of Evonik Industries AG