



TECHNICAL DATA SHEET - TEHNIČKI LIST

Product / proizvod	TC 100 02 GS	PVC Compound / Granule/Dry Blend
Group / grupa	Rigid black / Tvrdi crni	
Category / kategorija	EXTRUSION / EKSTRUZIJA	
Issue / izdanje	REVISION / REVIDIRANO	
Printed / štampano	04/11/2020	

TECHNICAL INFORMATION <i>Tehničke informacije</i>	TESTING METHOD <i>Test metoda</i>	UNIT OF MEASURE <i>Jedinica mere</i>	VALUE <i>Vrednost</i>
Specific Weight <i>Specifična težina</i>	ISO 1183 SRPS EN ISO 1183-1:2011	g / cm ³	1.59 ± 0.02
Hardness <i>Tvrdoća</i>	ISO 868 SRPS EN ISO 868:2015	Shore D	80 ± 2
Vicat <i>Tačka omekšavanja</i>	ISO 306 SRPS EN ISO 306:2015	°C (50 °C/h, 50 N)	80 ± 2
Elastic modulus <i>Modul elastičnosti</i>	ISO 527 SRPS EN ISO 527-2:2013	MPa (1 mm/min)	≥ 2800
Stress at break <i>Napon pri pucanju</i>	ISO 527 SRPS EN ISO 527-2:2013	MPa (50 mm/min)	≥ 38
Stress at yield <i>Napon tačke elastičnosti</i>	ISO 527 SRPS EN ISO 527-2:2013	MPa (50 mm/min)	≥ 40
Elongation at Break <i>Istezanje pri kidanju</i>	ISO 527 SRPS EN ISO 527-2:2013	% (50 mm/min)	≥ 75
Charpy notched impact strength <i>Udarna žilavost</i>	ISO 179-1 SRPS EN ISO 179-1:2011	Kj/m ² (1 eA, 80x10x4 mm, V-notch, r=0,25 mm)	≥ 15
Heat Stability <i>Termostabilnost</i>	ISO 182A (190°C)	minutes	≥ 35
Inflammability <i>Nezapaljivost</i>	UL 94	Class	V0
Application	Unplasticized black PVC compound designed and extrusion. Especially developed for extrusion of spiral hoses and demanding technical profiles. Increased impact resistance and high gloss. The recommended T processing interval is 145-185 °C. Produced with COS (Calcium Organic) stabilizer, without heavy metals (in accordance with RoHS directive).		
Primena	Neplastifikovan crni PVC granulat namenjen ekstruziji. Posebno razvijen za proizvodnju spiralnih creva I zahtevnih tehničkih profila. Povećana udarna žilavost I visok sjaj. Preporučene T prerade su u intervalu 145-185 °C. Granulat napravljen na COS (Calcium Organic) stabilizatorom bez teških metala (u skladu sa RoHS direktivom).		

This information is based on our most recent knowledge. However, the application and processing of the material after sale is beyond our control and we cannot assume responsibility for any use of this product outside "A.S.C. Hemik" premises. While the data and information contained in the present datasheet are provided in good faith, these are to be considered as guidance only. Thus, this TDS shall not constitute a guarantee for any specific properties or quality standards. The recipient of a product (downstream user or distributor) is obliged to check the suitability of this material for the intended use and accepts sole responsibility for compliance with any legal requirements relating to its use. This document does not constitute a warranty or guarantee.

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