

CERTIFICATE OF ANALYSIS

Ship To: 1943

H.Essers Logistics Services Company
IMCD WAREHOUSE
VAN KONIJNENBURGWEG 107 BUILDING NO
4612 PL BERGEN OP ZOOM
NETHERLANDS

Delivery doc Number/Item: 88358481/900001

Print Date / Time: 18/12/2023/04:26:20
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Sales Order Number/Date: 1139824/ 07/12/2023
Customer PO Number/Date:
244329 OP/
Shipment Date: 18/12/2023
Place of Despatch: Feluy Site
Mode of Transport: Tank Truck
Transport/Vehicle Number: VODU9330704

Product Description: DURASYN 164 - Bulk
Batch Number: 244329OP
Date of Manufacture: 18/12/2023

Characteristic	Method	Result	Unit	Specifications	
				Min	Max
WATER	ASTM D-3401	9.00	ppm		25.00
Viscosity (-40) degC	ASTM D-445	2675	mm ² /s		2800
Viscosity (40) degC	ASTM D-445	17.9	mm ² /s	16.0	18.5
Viscosity (100) degC	ASTM D-445	4.0	mm ² /s	3.8	4.0
Viscosity Index	ASTM D2270	126		120	
Pour point	ASTM D-97	-74	°C		-65
Flash point (PMC)	ASTM D-93	213	°C	204	
NOACK Volatility (wt.loss)	CECL 40-A-93	13.7	%		14.0
Density @ 15 degC	ASTM D-4052	0.8210	g/ml	0.8100	0.8300
Appearance	VISUAL	Clear and Bright			
Total Acid Number (as KOH)	ASTM D-974	0.0033	mg/g		0.0100
Bromine Number	IP129	0.10	g/100g		0.40

(*) not routinely analysed (typical values)

Material tests in accordance with EN10204 2.2 authorised by Quality Control Department. For questions regarding the certificate, please contact your Ineos Sales Representative.