

COMCAT NdFC (0,06 mol/l Nd)
TYPICAL PERFORMANCE DATA SHEET
Rev 1: 25/10/2023

PRODUCT DESCRIPTION

Neodymium Aluminium Alkyls Pre-formed Catalyst Solution in Hexanes

		COMCAT NdFC/G2 (0,06 mol/l Nd)	COMCAT NdFC/G6 (0,06 mol/l Nd)	COMCAT NdFC/G7 (0,06 mol/l Nd)	
Properties	Units	Limits			Test Method
Appearance		Dark green solution without visual precipitations	Dark green solution without visual precipitations	Dark green solution without visual precipitations	Visual
Specific Gravity	kg/l @ 20°C	0,700 - 0,740	0,700 - 0,740	0,700 - 0,740	ASTM D1298
Neodymium content	mol/litre	0,0570 - 0,0630	0,0570 - 0,0630	0,0570 - 0,0630	CC083
Aluminium content	mol/litre	0,830 - 0,960	0,830 - 0,960	0,830 - 0,960	CC084
Chlorine content	mol/litre	0,150 - 0,200	0,150 - 0,180	0,150 - 0,180	CC082
100% Monomer Conversion	minutes	90 max.	90 max.	90 max.	CC081
Typical Monomer Conversion @ 10 mins.	%	65	50	65	CC081
Molecular weight Mn	kg/mol	180 - 280	220 - 300	250 - 320	CC085
Molecular weight Mw	kg/mol	450 - 700	500 - 750	550 - 800	CC085
Polydispersity Index		2,80 max	2,60 max.	2,50 max.	Calculated (Mw/Mn)
Mooney Viscosity (ML 1+4)		42 - 47	42 - 47	42 - 47	CC086
Cis content	%	96,0 min.	97,0 min.	97,0 min.	CC087

APPROVED BY TECHNICAL MANAGER

SIGNATURE:

