

شماره سند:

## QUALITY CONTROL CERTIFICATE

HDPE PLANT: HIGH DENSITY POLY ETHYLENE

تاریخ:

PRODUCT: PE100(HM CRP 100N )




DATE :

Grade :CRP 100N

Lot . No :

Silo :

NO	ANALYSIS	UNIT	METHOD	STANDARD	RESULT	REMARK
1	MFI (190°C/ 5.0 kg)	gr/10min	ISO 1133	0.22 ± 0.03	0.23	
2	MFI (190°C/ 21.6 kg)	gr/10min	ISO 1133	6.2 ± 1.0	6.5	
3	FRR	-----	-----	27± 3	28.3	
4	Density	gr/cm <sup>3</sup>	ISO 1183	0.948 ± 0.002	0.946	
5	Yellowness Index	Rating	ASTM E313	-----	-1.09	
6	Volatiles	% wt	Internal	-----	0.02	
7	Contamination	Rating	Internal	≤ 2	1.0	
8	Bulk Density	gr/cm <sup>3</sup>	Internal	---	616.0	
9	Charpy Impact	mj/mm <sup>2</sup>	ISO 179/1eA	>24	33	
10	stress at yield	Mpa	ISO 6259-1,3	---	23.91	
11	stress at break	Mpa	ISO 6259-1,3	---	29.75	
12	strain at yield	%	ASTM D638	---	19.78	
13	strain at break	%	ISO 6259-1,3	≥350	686.49	
14	shore D Hardness	---	ISO 868	---	58.6	
15	Hydrostatic test	bar	ISIRI 12181-1	---	25.52	
16	Hydrostatic test	hr	ISO -1167	---	>1000	
17	ESCR	hr	ASTM -D1693-2	---	>1000	
18	RCP	bar	ISO 13477	---	20	
19	SCG	hr	ISO 13479	>500hr	>1000	
20	Quick Burst	Bar-Sec	ASTM D1599	---	51.87-169	
21	Melting Point	°C	ASTM D 3418	---	135.4	
22	OIT	Min	ISIRI 7186-6	≥15	74.63	

	<b>QUALITY CONTROL CERTIFICATE</b> HOPE PLANT: HIGH DENSITY POLY ETHYLENE <b>PRODUCT: PE100(MH) CRP 100N</b>	 شرکت پلیمر کرمانشاه (سهایی خاص)
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<b>DATE :</b>	<b>Grade :CRP 100N</b>
<b>Lot . No :</b>	<b>Silo :</b>

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