

EVA Products

Properties	EA Cont.	MFR	Slip Agent	Tm	JHOSPA	Example of Applications
Method	NUC	NUC	NUC	NUC	PL No.	
Unit	%	g/10min	—	℃		
Grade						
NUC-3660	6	5.5	No	103	[A]EZa-3188	Injection
NUC-3830	15	12	No	86	[A]EZa-14306-L	Injection・EC・Hot melt
DQDJ-1868	18	2.3	No	83	[A]EZa-0279	Injection・Blow・Extrusion
NUC-3461	20	14	No	75	[A]EWa-2365-L	Injection
NUC-3888	21	1.8	No	75	[A]EWa-2365-L	Injection・Extrusion
NUC-3195	24	5	No	73	[A]EZa-0279	Film・Hot melt
NUC-3810	27	14	No	72	—	Injection・Coating
DQDJ-3269	28	20	No	69	[A]EWa-1433	Injection・Hot melt
NUC-3223	5	1.4	No	105	[A]Ezar-14701-L	Agricultural
NUC-8452D	15	1	No	90	[A]EZa-1611-L	Wrap
NUC-3224	15	1.5	No	91	[A]EZa-3525-L	Agricultural
NUC-3758	15	2.2	No	93	[A]EZa-1611-L	Wrap
NUC-3726	16.5	3.0	No	92	[A]EZa-14097-L	Meat wrap
NUC-3765D	18	0.9	No	87	[A]EZa-14847-L	Meat wrap
NUC-3218	18	2.5	Medium slip	85	—	V Process

MFR : 190℃、21.18N (2.16kg)

Swelling Ratio of EVA and EEA

Solvent	EEA (18%EA)	EVA (18%VA)	LDPE	Soft PVC
Tri-chloro Ethylene	300	330	50	25
Distilled water	0.03	0.05	0.02	0.2
10% Salt solution	0.2	0.2	0.2	0.1
10% NaOH solution	0.03	0.05	0.02	0.2
Detergent	0.9	0.8	0.2	-0.4
95% H ₂ SO ₄ solution	66	76	0.03	26
95% HNO ₃ solution	10	16	0.2	5.0
Toluene	60	110	16	13
Motor oil	3	2	1	-0.4
Gasoline	54	55	16	-3
Methyl Ethyl Ketone	15	18	3	Soluble
Tetra-chloro Ethylene	150	280	39	4

EEA: DPDJ-6169 (6MFR, 18%EA)
EVA: DQDJ-3195 (2.5MFR, 18%VA)

Condition: ASTM Unit=wt% @23°C、 7 days